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BULBS SEEDS PLANTS

1939

for
Autumn Planting

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U. S. Department of Agriculture

S. & W. Co.'s
**DUTCH
Bulbous
IRIS**

For Outdoor Planting

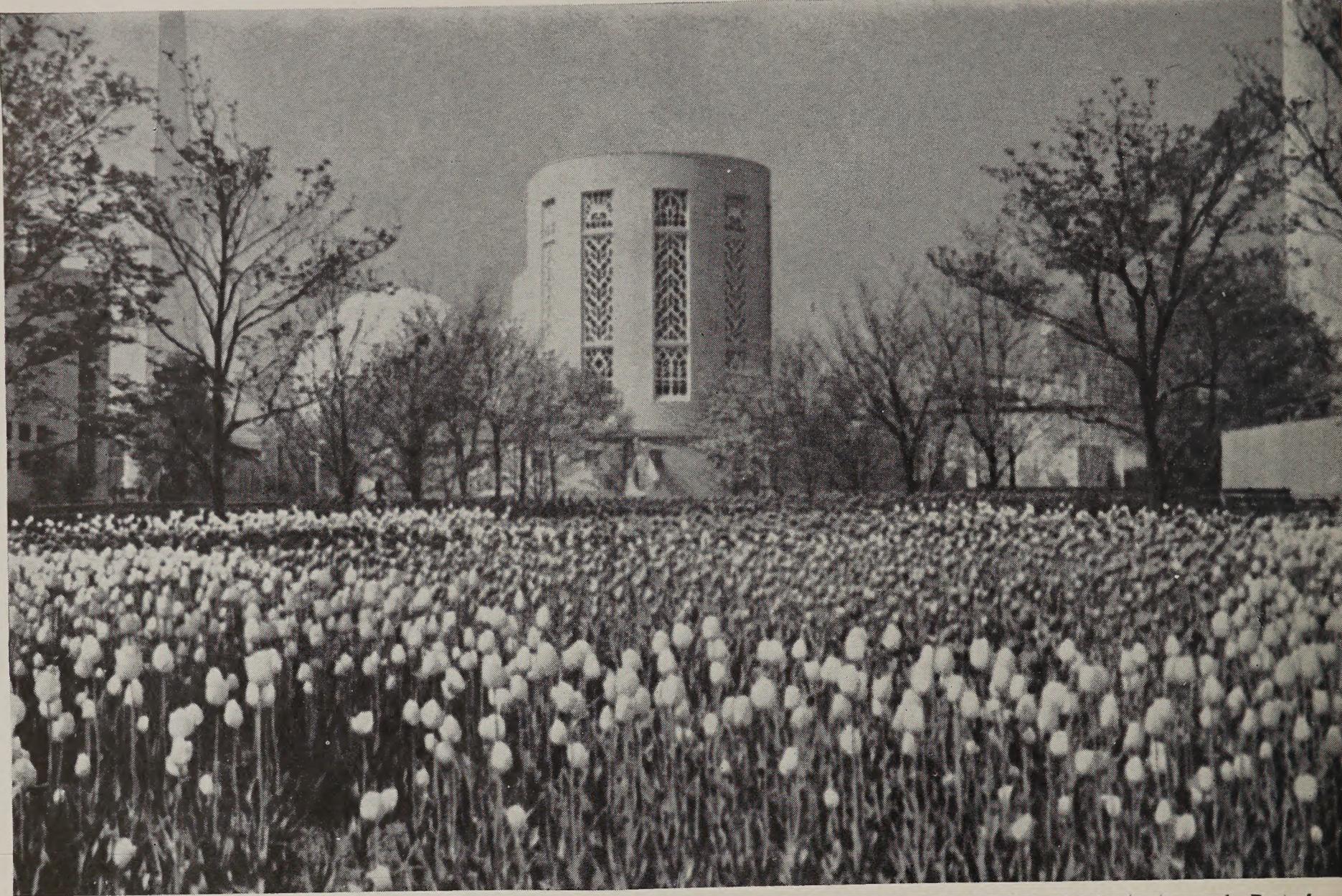
One of the most useful of all the Bulbous Irises for planting in the border or the cutting garden. If cut just as the flowers open, will last over a week in water. The blooms are larger and more beautiful than the old Spanish Iris. They come just after the Darwin Tulips. Plant 5 inches deep and 5 to 6 inches apart, in October or November.

GIANT WHITE, LIGHT BLUE
DARK BLUE, and YELLOW

10 bulbs 50 cts.; \$4.00 per 100

**COLLECTION: 25 bulbs each of 4
colors (100 bulbs), \$4.00**

Stumpp & Walter Co.
NEW YORK CITY



Prize-winning photograph of the Darwin Tulip display at the World's Fair, May, 1939, with the Hall of Religion in the background. Part of a gift of over a million Tulip bulbs by the Holland Bulb Growers Association.

HIGH-QUALITY BULBS

As one of the largest growers and importers of American, Dutch, French, and Japanese bulbs in the United States, we have always been very exacting in our quality standards. Many varieties of bulbs are offered in smaller sizes than we handle. While the price difference is small, the quality difference is great. Cheap bulbs are frequently disappointing in the results they produce and are expensive to the planter.

TIME OF DELIVERY

Bulbs and roots mature and ripen during the late summer and autumn, and shipments will be made as follows in the absence of instructions to the contrary.

SEPTEMBER—includes *Lilium Harrisi*, *Lilium formosum*, *Lilium candidum*, *Freesias*, and *Bulbous Irises*.

OCTOBER OR MAIN SHIPMENT—includes the general line of bulbs, such as *Tulips*, *Narcissi*, *Hyacinths*, *Crocus*, and *Miscellaneous Bulbs* listed on pages 3 to 31.

NOVEMBER AND DECEMBER—includes *Liliums* and *Lilies-of-the-Valley*. We endeavor to get all *Liliums* and *Lilies-of-the-Valley* shipped by early December. We, however, frequently do not receive the three varieties of Japanese Lilies, as listed on pages 23 and 26, namely, *aurantium*, *magnificum*, and *album*, from the Orient until the ground has become frozen in some parts of the country. These may be kept in a cool cellar and planted in the spring, or, if you so advise, we can ship these three items in the spring.

NEW YORK PHONES:
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BRANCH STORES: White Plains, N. Y., Newark, N. J., Stamford, Conn., Hempstead, L. I., Englewood, N. J.

FREE DELIVERY

All Flowering Bulbs and Roots offered in this Catalogue are delivered free if your address is east of the Mississippi River.

Roses, Perennials, Grass Seeds, Field Seeds, Insecticides, Implements, and Fertilizers: see delivery offer made on each of the respective pages.

Free deliveries are made at our option, by Parcel Post, Express, or Freight, to your address or your nearest post office, express office, or freight station.

All Bulbs ordered for delivery beyond prepaid area will be shipped according to buyer's instructions.

TERMS OF PAYMENT

We do not send bulbs C. O. D. unless you request it, but ship your order when bulbs arrive, mailing invoices at the same time, and all bills are due in 30 days, net.

**WE FURNISH ALL BULBS, 5 of a variety at the 10 rate;
25 of a variety at 100 rate; 250 of a variety at 1000 rate**

Stumpf & Walter Co.

132-138 Church Street
(at Warren)
NEW YORK CITY

NARCISSUS or DAFFODILS

Outdoor Culture of Daffodils

Daffodils thrive in good garden soil, preferably deep well-drained loam. Deep preparation of the soil is necessary, and old rotted manure or compost may be worked in 16 to 18 inches below the surface, but must not come in direct contact with the bulbs. **Fresh manure should never be used.**

Plant in the early fall, especially Poeticus types. The more vigorous, larger varieties may be planted as late as December, but early planting is best.

In medium soils, cover the bulbs about twice their depth, and a little deeper in lighter soils. The average for most sorts is 3 to 4 inches from the top of the bulb. Set the bulbs at a uniform depth; otherwise they may flower irregularly.

Naturalizing

Daffodils planted in clusters in the foreground of shrubbery, or sown broadcast through woodlands, along hillsides, in meadows or lawns, and planted where they fall, give a most pleasing natural effect. They will increase in beauty and number without special care and become permanently established.

In heavy soils the most vigorous varieties should be used. More pleasing effects result from grouping the various types, such as all trumpet types, all Poeticus types, etc.

NOTE.—In describing Daffodils, *Narcissus*, etc., we have referred to the "perianth" and "trumpet," "crown" or "cup." The "perianth" is the surrounding row of petals or wings, and the other terms apply to the central funnel-like tube.

Culture of Daffodils in Pots or Boxes

Daffodils should be potted in September or October in good loamy soil, adding a little sand or leaf-mold and a small amount of bone-flour. (About 2 pounds to the bushel of soil.)

The old pots must be washed thoroughly and allowed to dry before using. New pots should be soaked. Provide drainage by placing pieces of charcoal or fragments of pots over the drainage hole. A little ground peat in the bottom regulates drainage.

After ten to twelve weeks they may be moved indoors for flowering.

Do not bring them into a warm temperature—50° to 60° is best at first. Do not give any bottom heat. Later, when the flower-buds are well advanced, the temperature may be increased to 65°.

When the pots are first brought to the light, the tender shoots may be covered for a day or two with an inverted flower-pot to prevent injury from light or drafts. A little weak liquid manure once a week, until buds burst, will hasten the flowers after growth has started.

Always give them plenty of light and air.

CLASSIFICATION OF DAFFODILS

Of the Royal Horticultural Society of England.

- | | |
|---|--|
| 1A. Yellow Trumpets. Trumpet and perianth pure yellow. | 3B. Barrii. White perianth. |
| 1B. White Trumpets. Perianth and trumpet white or nearly so. | 4A. Giant Leedsii. Large eup. |
| 1C. Bicolor Trumpets. Perianth white, trumpet yellow. | 4B. Leedsii. Small eup. |
| 2A. Incomparabilis. Yellow perianth. | 5. Triandrus Hybrids. |
| 2B. Incomparabilis. White perianth. | 6. Cyclamineus Hybrids. |
| 3A. Barrii. Yellow perianth. | 7. Jonquilla Hybrids. |
| | 8. Tazetta and Tazetta Hybrids. |
| | Mostly bunch-flowered. |
| | 9. Poeticus. |
| | 10. Double Varieties. |
| | 11. Various. Botanical species. |

Giant Trumpet Narcissus. Includes New and Rare Sorts

Division 1. Distinguishing character, trumpet or crown as long or longer than the perianth.

AEROLITE. A short, bright yellow trumpet of lovely form is backed by great broad primrose-yellow petals, making a flower of unusual character.

20 cts. each; \$1.50 for 10; \$11.00 per 100

ALASNAM. Fine, erect Daffodil with wide, short, densely frilled trumpet of pure deep yellow; perianth just a shade lighter.

30 cts. each; \$2.75 for 10; \$25.00 per 100

BEERSHEBA. A magnificent pure white flower. Large, perfectly flat perianth; trumpet long and beautifully flanged at the mouth. A flower of great size, measuring nearly 5 inches across. Vigorous grower and a grand exhibition variety.

Jumbo Bulbs. \$2.00 each; \$18.00 for 10

DAWSON CITY. Splendid exhibition variety with a broad, flat perianth and a shapely, straight trumpet. The color is golden yellow.

30 cts. each; \$2.75 for 10; \$25.00 per 100

DIOTIMA. Perfect form characterizes this super-giant. The deep primrose perianth measures nearly 6 inches across and carries a great trumpet on 2-foot stems. A variety that will stand out for years to come; one of the finest for exhibition.

Jumbo Bulbs. \$2.00 each; \$18.00 for 10

EMPEROR. Perianth deep primrose-yellow; trumpet rich yellow. An old favorite, still extremely popular.

Double-nose Bulbs

Jumbo. 15c. each; \$1.25 for 10; \$9.00 per 100
1st-size. 10c. each; 90c. for 10; \$7.00 per 100

EMPRESS. White perianth, contrasting well with a rich chrome-yellow trumpet. Companion variety to Emperor.

Double-nose Bulbs

Jumbo. 15c. each; \$1.25 for 10; \$9 per 100
1st-size. 10c. each; 90c. for 10; \$7.00 per 100

GLORY OF SASSENHEIM. One of the best of the older Bicolors. Perianth pure white; trumpet rich yellow, nicely frilled.

Double-nose Bulbs

Jumbo. 15c. each; \$1.25 for 10; \$9 per 100
1st-size. 10c. each; 90c. for 10; \$7.00 per 100

GOLDEN HARVEST. A Giant among the Giants. An early variety with both trumpet and perianth a rich deep yellow.

Jumbo Bulbs. \$1.00 each; \$9.00 for 10

KING ALFRED. A king among the fine varieties. Rich, lustrous golden yellow throughout. Extremely vigorous in habit. Perianth often measures 4 inches across, trumpet fully 2 inches.

Double-nose Bulbs

Jumbo. 20c. each; \$1.80 for 10; \$15 per 100
1st-size. 15c. each; \$1.30 for 10; \$11 per 100
Early cured for December forcing.

20 cts. each; \$1.80 for 10; \$15.00 per 100

LA VESTALE. Pure ivory perianth, with trumpet of deep creamy yellow. Early flowering and exceptionally tall and vigorous. 25c. each; \$2.25 for 10; \$20.00 per 100

LIBERTY. Perianth and trumpet an even shade of rich yellow. A fine strong-growing variety of good size.

15 cts. each; \$1.40 for 10; \$12.00 per 100

LORD WELLINGTON. This and Diotima are the largest and most outstanding of the yellow Trumpets. The flower is a rich self golden yellow with broad perianth petals and large trumpet.

40 cts. each; \$3.50 for 10; \$30.00 per 100

LOVE NEST. A delightfully charming example of the "Pink Daffodil." Starry shaped perianth of informal type; trumpet saffron-yellow, turning apricot-pink. Medium height, and early. Most unusual.

70 cts. each; \$6.50 for 10; \$60.00 per 100

MME. VAN WAVEREN. A decided acquisition to the large Trumpet varieties. When well grown it is a flower of gigantic size. Deep golden yellow trumpet with broad overlapping perianth of the purest white. A leading exhibition variety.

50 cts. each; \$4.50 for 10; \$40.00 per 100

MRS. R. O. BACKHOUSE. The famous original "Pink Daffodil." Beautifully proportioned perianth of ivory-white; long, graceful trumpet of apricot-pink, changing to shell-pink at the deeply fringed edge. Beautiful, long lasting, and early flowering.

Jumbo Bulbs. \$2.00 each; \$18.00 for 10

MRS. ERNEST H. KRELAGE. Considered one of the finest pure white Trumpet Daffodils. Even tone of pure white throughout. Free flowering and of outstanding vigor. Double-nose Jumbo Bulbs.

20 cts. each; \$1.80 for 10; \$15.00 per 100

OLYMPIA. Perianth light chrome-yellow; huge trumpet of deep chrome-yellow, heavily ruffled. Fully equal to King Alfred.

15 cts. each; \$1.30 for 10; \$10.00 per 100

ROBERT E. LEE. Huge lemon-yellow trumpet, beautifully frilled, 2 inches across; perianth pure white. Excellent stem; free-flowering. Splendid exhibition variety.

\$3.00 each; \$28.00 for 10

ROBERT SYDENHAM. Very broad and overlapping perianth of a clear primrose-yellow; long, bold, beautifully imbricated trumpet of deep, rich yellow. Jumbo Bulbs.

20 cts. each; \$1.80 for 10; \$15.00 per 100

ROXANE. One of the newer white varieties that promises to be more popular when stocks are larger. Large, creamy white trumpet with round, overlapping, pure white perianth. 75 cts. each; \$7.00 for 10

SPRING GLORY. Clear white informal type perianth; long trumpet of deep yellow, reflexing at the edge.

Double-nose Bulbs

Jumbo. 15c. each; \$1.25 for 10; \$9 per 100
1st-size. 10c. each; 90c. for 10; \$7.00 per 100

THE FIRST. Sulphur-yellow trumpet with perianth of the same color. A very early variety and a robust grower. Excellent for early forcing.

20 cts. each; \$1.80 for 10; \$15.00 per 100

TRESERVE. Perianth primrose-yellow; large canary-yellow trumpet. Double-nose Jumbo Bulbs.

15 cts. each; \$1.25 for 10; \$10.00 per 100

VAN WAVEREN'S GIANT. Huge semi-Bicolor Trumpet. Perianth creamy white; trumpet bright, rich yellow. Vigorous and showy. Double-nose Jumbo Bulbs.

20 cts. each; \$1.80 for 10; \$15.00 per 100

WHISTLER. A giant deep yellow trumpet with a somewhat lighter perianth. Exhibition.

25 cts. each; \$2.25 for 10; \$18.00 per 100



OLYMPIA
See page 3



GLORY OF SASSENHEIM. See page 3

MEDIUM TRUMPET Narcissus or Daffodils

This is one of the most popular types of the Narcissus or Daffodil family, and under this heading we have listed Divisions 2, 3, and 4. Many of the so-called "red cups" occur in this type.

Division 2. Incomparabilis. Distinguishing character, cup or crown not less than one-third but less than equal to the length of the perianth segments.

Division 3. Barrii. Distinguishing character, cup or crown less than one-third the length of the perianth segments.

Division 4. Leedsii. Distinguishing character, perianth white and cup or crown white, cream, or pale citron, sometimes tinged with pink or apricot.

AGRA. (Incomparabilis.) One of the finest of the new Incomparabilis Daffodils. Broad, overlapping, creamy white perianth of good substance, with a large, bright orange crown. \$5.00 each; \$45.00 for 10

ALBATROSS. (Barrii.) Large, flat, white perianth; cup pale citron, with a ribbon edge of scarlet. A fine large flower. 10 cts. each; 80 cts. for 10; \$7.00 per 100

ALCIDA. (Barrii.) Deep yellow cup and ivory-white perianth 3½ inches across. A lovely flower. Jumbo Bulbs. 20 cts. each; \$1.80 for 10; \$15.00 per 100

AUTOCRAT. (Incomparabilis.) Clear golden yellow throughout. Cup widely expanded at the mouth, with broad perianth. A superb light yellow Narcissus for naturalizing. 10 cts. each; 80 cts. for 10; \$7.00 per 100

BATH'S FLAME. (Barrii.) Deep yellow; cup deeply edged orange-red. A giant flower and one of the good Barrii Daffodils. 15 cts. each; \$1.30 for 10; \$10.00 per 100

BERNARDINO. (Incomparabilis.) Large flower; perianth creamy white; cup pale lemon-yellow, very heavily frilled, flushed and edged pinkish apricot in cool, dark weather. 15 cts. each; \$1.20 for 10; \$8.00 per 100

CARLTON. (Incomparabilis.) A giant among the newer Incomparabilis. Clear soft yellow, with broad, overlapping petals, and enormous cup with daintily frilled edge. Jumbo Bulbs. \$1.00 each; \$9.00 for 10

CONSPICUUS. (Barrii.) Perianth of pale yellow; short darker yellow cup, edged orange-scarlet. An old variety and a good one. It is a splendid permanent variety. 10 cts. each; 80 cts. for 10; \$6.50 per 100

COPPER BOWL. (Incomparabilis.) Clear sunny yellow with broad, beautifully shaped petals; the crown deep yellow, stained a lively orange. Winner in the best Medium Trumpet Class at the Westbury Spring Daffodil Show held at the Horticultural Society of New York, April, 1936. First exhibited in this country by us. \$6.00 each; \$55.00 for 10

CROESUS. (Incomparabilis.) Truly a magnificent variety. Pale primrose perianth, with thick, overlapping petals; widely expanded crown, heavily suffused and stained deep orange-red when the weather is cool and dark. 15 cts. each; \$1.20 for 10; \$9.00 per 100

DAISY SCHAFFER. (Leedsii.) Broad, overlapping perianth of pure white with a flaring cup of pale yellow, edged darker. A great exhibition flower. \$2.00 each; \$18.00 for 10

DIANA KASNER. (Barrii.) Pure white perianth; large yellow cup with blood-red frill. Free-flowering and an excellent forcer. 15 cts. each; \$1.20 for 10; \$9.00 per 100

DICK TURPIN. (Barrii.) Round, flat perianth of ivory-white and a flat deep red eye. Always dependable. \$1.00 each; \$9.00 for 10

DICK WELLBAND. (Incomparabilis.) A striking cup of the deepest orange-red nestles against overlapping white petals. Jumbo Bulbs. \$1.50 each; \$14.00 for 10

DORINE. (Incomparabilis.) A favorite at all important Daffodil shows. Beautiful overlapping perianth of pure creamy white, with a large, striking deep orange cup. Jumbo Bulbs. \$1.00 each; \$9.00 for 10

DUCHESS OF WESTMINSTER. (Leedsii.) Pure white perianth; cup pale canary-yellow, slightly darker at the edge. 10 cts. each; 85 cts. for 10; \$7.00 per 100



BATH'S FLAME. See page 4



QUEEN OF THE NORTH



KING ALFRED. See page 3



SIR WATKIN

MEDIUM TRUMPET NARCISSUS, continued

FIRE TAIL. (Barrii.) Perianth creamy white; large cup of bright orange, edged and frilled scarlet-orange.

25 cts. each; \$2.25 for 10; \$20.00 per 100

FORTUNE. (Incomparabilis.) Broad, creamy yellow perianth of a very solid texture; crown of great size, beautifully frilled, and of a glowing soft orange.

Jumbo Bulbs. \$3.50 each; \$32.50 for 10

FRANCISCA DRAKE. (Incomparabilis.) An exhibition variety with a broad snowy white perianth and a wide flame-orange cup.

50 cts. each; \$4.50 for 10; \$40.00 per 100

GALLIPOLI. (Incomparabilis.) Large pale yellow perianth and red-frilled crown of deep glowing orange. A spectacular flower.

35 cts. each; \$3.25 for 10; \$30.00 per 100

GALOPIN. (Incomparabilis.) The broad, overlapping petals are of purest white, with a deep orange-red cup. Flowers are large and carried on tall, strong stems.

\$1.50 each; \$12.50 for 10

GERTIE MILLAR. (Leedsii.) Perianth pure white with a gracefully proportioned crown of pale primrose.

50 cts. each; \$4.50 for 10; \$40.00 per 100

HAVELOCK. (Incomparabilis.) A self color of clear yellow, the overlapping petals very broad with a flaring cup of perfect balance. A long-lasting flower.

\$2.50 each; \$22.50 for 10

HELIOS. (Incomparabilis.) Creamy yellow, star-shaped perianth; pale orange cup, slightly frilled. A very striking variety.

15 cts. each; \$1.20 for 10; \$9.00 per 100

INVINCIBLE. (Incomparabilis.) Perianth pure white, with a large, flat yellow crown, having a striking broad orange margin.

40 cts. each; \$3.50 for 10; \$32.50 per 100

IRENE BORDONI. (Incomparabilis.) Lovely cream-yellow perianth with a fine red cup. Sturdy growth. A choice variety for cutting and exhibition.

\$2.00 each; \$18.00 for 10

JOHN EVELYN. (Incomparabilis.) A pure white perianth and lemon-yellow cup, fluted to the base, make the flower one of the greatest Daffodils of today.

20 cts. each; \$1.80 for 10; \$15.00 per 100

JUPITER. (Incomparabilis.) An orange cup against a deep yellow perianth forms a splendid long-lasting flower.

\$1.50 each; \$12.50 for 10

KILLIGREW. (Incomparabilis.) Much admired at the important Daffodil shows. Perianth a rich deep yellow, with a large orange-red cup. \$1.50 each; \$12.50 for 10

KILTER. (Barrii.) Pure snowy white perianth of excellent substance and large size, with a flat, deep red eye.

\$1.00 each; \$9.00 for 10

LADY DIANA MANNERS. (Barrii.) Broad, white perianth and a large, flat orange crown, broadly margined with deep red.

40 cts. each; \$3.50 for 10; \$30.00 per 100

LORD KITCHENER. (Leedsii.) Broad, strongly petaled perianth of pure white; cup nicely fluted, pale lemon-yellow.

15 cts. each; \$1.20 for 10; \$10.00 per 100

LUCINIUS. (Incomparabilis.) The cup is very large and is deep, rich yellow, with a perianth of lighter yellow.

15 cts. each; \$1.40 for 10; \$12.00 per 100

MERKARA. (Incomparabilis.) The unusually flat, overlapping perianth is sulphur-yellow and the large, expanded crown is a deep orange-red throughout.

Jumbo Bulbs. \$1.50 each; \$14.00 for 10

MERRYHILL. (Incomparabilis.) One of those rich-looking combinations of a creamy perianth and an orange cup.

\$7.50 each; \$70.00 for 10

MILFORD HAVEN. (Incomparabilis.) Overlapping creamy white perianth with a yellow cup with orange margin.

35 cts. each; \$3.00 for 10; \$25.00 per 100

MRS. BARCLAY. (Barrii.) Perianth pale primrose changing to white; cup primrose-yellow, margined orange picotee.

15 cts. each; \$1.25 for 10; \$10.00 per 100

MRS. LANGTRY. (Leedsii.) A chaste white perianth and a cup which opens pale primrose but changes to white.

10 cts. each; 80 cts. for 10; \$7.00 per 100

MRS. NETTE O'MELVENY. (Leedsii.) Pure white perianth, with clear lemon-yellow cup, and orange picotee edge.

15 cts. each; \$1.25 for 10; \$10.00 per 100

NANNIE NUNN. (Barrii.) Cup vivid orange-scarlet, perianth cream-white.

15 cts. each; \$1.25 for 10; \$10.00 per 100

NOBILITY. (Barrii.) The overlapping petals are a creamy white, with flat, deep orange-red crown.

20 cts. each; \$1.80 for 10; \$15.00 per 100

ORANGE GLOW. (Incomparabilis.) Broad, flat perianth often 5 inches across; the cup deep glowing orange, beautifully frilled.

60 cts. each; \$5.50 for 10; \$50.00 per 100

PRINCESS ASTRID. (Barrii.) A popular variety with a splendid primrose perianth and orange-tinted cup.

\$1.00 each; \$9.00 for 10

PRINCESS MIRIAM. (Barrii.) A beautiful and substantial flower with a pure white, rounded perianth and a tiny yellow eye edged with red. \$1.00 each; \$9.00 for 10

QUEEN OF THE NORTH. (Leedsii.) Broad white perianth; cup soft primrose-yellow, edged sulphur-white.

10 cts. each; 80 cts. for 10; \$7.00 per 100

RED BEACON. (Barrii.) Broad white perianth of splendid substance, with broad, well-frilled cup of dazzling orange-scarlet.

10 cts. each; 90 cts. for 10; \$8.00 per 100

RED CHIEF. (Barrii.) Perianth pure white, with a somewhat flattened cup or crown having a fiery orange margin.

15 cts. each; \$1.25 for 10; \$10.00 per 100

RED CROSS. (Incomparabilis.) Primrose-yellow perianth and a deep yellow cup, with ruffled edge of deep orange.

35 cts. each; \$3.00 for 10; \$25.00 per 100

RED SHADOW. (Barrii.) Broad overlapping petals of dainty primrose and a cup of deep yellow edged rich orange.

\$1.00 each; \$9.00 for 10

RICHARD M. TOBIN. (Incomparabilis.) Large, star-shaped perianth with a nicely fluted orange-red cup.

15 cts. each; \$1.25 for 10; \$10.00 per 100

SCARLET LANCER. (Incomparabilis.) One of the most pleasing and refined Daffodils. Pure white perianth and fiery orange cup which keeps its color in full sunshine.

75 cts. each; \$6.50 for 10

SERAGLIO. (Barrii.) The well-overlapping, creamy white perianth holds forth a well-proportioned cup of deep orange-scarlet. Splendid exhibition variety.

\$2.50 each; \$22.50 for 10

SILVER STAR. (Leedsii.) Broad perianth of pure white; wide, deep trumpet of cream-white, turning almost pure white.

20 cts. each; \$1.80 for 10; \$15.00 per 100

SIR WATKIN. (Incomparabilis.) Perianth primrose-yellow; large and well-formed yellow cup, tinted deep yellow. A giant.

Double-nose Bulbs
Jumbo. 15c. each; \$1.20 for 10; \$9 per 100
1st-size. 10c. each; 90c. for 10; \$8 per 100

WHITEWELL. (Incomparabilis.) Star-shaped perianth of pure white, the pale yellow cup with an orange edging.

15 cts. each; \$1.00 for 10; \$8.00 per 100

YELLOW POPPY. (Incomparabilis.) Except for a narrow red edge to the cup, this is a self color as both cup and petals are a lovely shade of soft yellow. Early and free.

15 cts. each; \$1.25 for 10; \$10.00 per 100

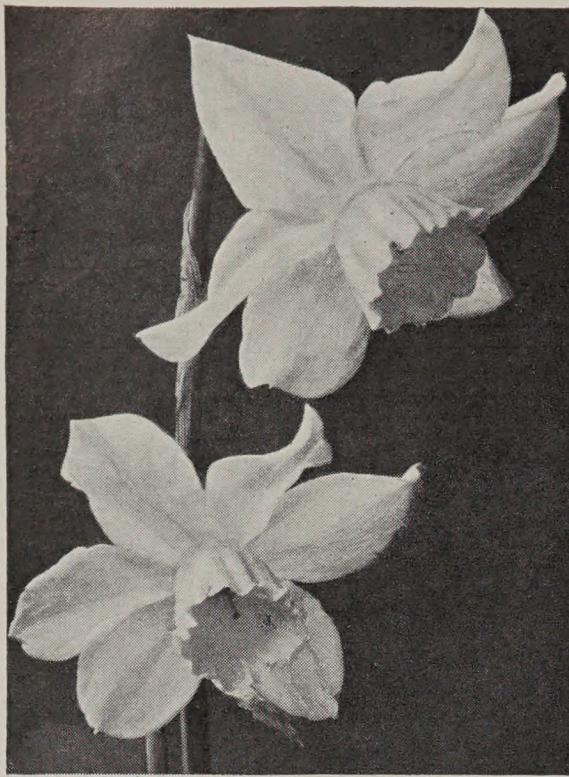
SPECIAL COLLECTION OFFER

Six Daffodils pictured in color

Bath's Flame Olympia
Glory of Sassenheim Queen of the North
King Alfred Sir Watkin

30 bulbs, 5 of each
(value \$3.25) \$3.00

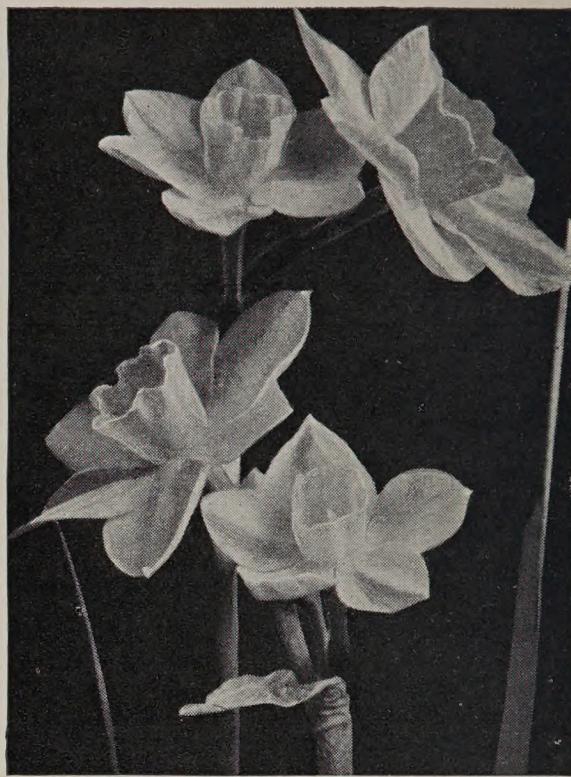
60 bulbs, 10 of each
(value \$6.50) \$5.50



Triandrus, Agnes Harvey



Cyclamineus, February Gold



Jonquilla, Giant Campernelle Rugulosus

Triandrus and Triandrus Hybrids

Division 5. Dainty, cyclamen-flowered Daffodils with reflexing petals. The drooping habit of the flowers, their unique and graceful appearance and small size, make them ideal for the rock-garden.

TRIANDRUS ALBUS (Angel's Tears). A graceful garden subject, requiring shade, good drainage, and a gritty soil. It grows less than 6 inches high and its narrow, creamy white perianth segments recurve sharply upward from its drooping cup. Two or three flowers are clustered on one stem.

15 cts. each; \$1.25 for 10; \$10.00 per 100

AGNES HARVEY. Pure white perianth, sharply reflexed, with the trumpet sometimes faintly flushed apricot. Gives one to three flowers on each stem. It is the purest white of the class.

25 cts. each; \$2.25 for 10; \$20.00 per 100

MOONSHINE. A delightfully informal little flower of creamy white with a fluted trumpet that is perfection. There are 2 or 3 of these exquisite, fragrant flowers on each plant.

35 cts. each; \$3.00 for 10; \$25.00 per 100

MRS. ALFRED PEARSON. Clusters of star-shaped flowers with white perianths and pale primrose cups.

35 cts. each; \$3.00 for 10; \$25.00 per 100

QUEEN OF SPAIN. The delicately formed, gracefully drooping flowers are soft canary-yellow. Its graceful form varies, some of the flowers having a pronounced trumpet longer than is usually expected in this type. 25 cts. each; \$2.25 for 10; \$20.00 per 100

THALIA. Frequently called the orchid-flowered Daffodil. The beautiful pure white flowers are carried three or four to a stem and are most attractive for either indoor decoration or planting in the rock-garden.

25 cts. each; \$2.25 for 10; \$18.00 per 100

Cyclamineus and Cyclamineus Hybrids

Division 6. As dainty and interesting and as ideally suited for rock-gardens as the Triandrus Hybrids. The trumpets are rich yellow, straight, and tube-like, with the perianth petals sharply reflexed as in cyclamen. Very early flowering.

CYCLAMINEUS. Pure rich yellow little Daffodil beginning to flower in mid-February. Delights in damp roots in the rock-garden, similar to its native habitat in Spain, where it is found bordering mountain streams and in flooded meadows. The perianth is very small and the narrow segments so tightly reflexed that they lie straight back along the stem.

25 cts. each; \$2.25 for 10; \$18.00 per 100

FEBRUARY GOLD. Earlier than the type, with golden yellow perianth and trumpet tinged orange.

35 cts. each; \$3.00 for 10; \$25.00 per 100

ROCKERY BEAUTY. The small trumpet is canary-yellow, and the perianth is a pure white. The stem attains the height of about 6 inches. A real gem for rock-gardens.

20 cts. each; \$1.80 for 10; \$15.00 per 100

Jonquilla and Jonquilla Hybrids

Division 7. Under this class we have listed the Jonquil and its hybrids. They have a grace and charm that makes them extremely popular. The varieties Buttercup, Golden Sceptre, Lady Hillingdon, and Tullus Hostilius are hybrid types and are the results of crossing the bunch-flowering Single Jonquils with the Trumpet Daffodils. While some of these varieties frequently come with one flower, instead of four or five as in the case of Campernelle Rugulosus, they have retained the charm of the Jonquil as well as added the trumpet characteristic of the Trumpet Daffodils. These new hybrid types are excellent for the border as well as for cutting for home decoration.

BUTTERCUP. Similar to Golden Sceptre. A clear buttercup-yellow, somewhat lighter in color than that wonderful variety, and with a straighter trumpet. A cross between Emperor and Jonquilla.

15 cts. each; \$1.20 for 10; \$9.00 per 100

GOLDEN SCEPTRE. This free-flowering hybrid is very handsome. Its fine, elegant flowers are a deep Jonquil-yellow, 3 inches or so in diameter. The perianth is star-shaped, just a shade lighter in coloring than the trumpet, which is slightly rolled and flaring at the mouth. The whole flower, as with others in this class, is of greatest substance, keeping in perfect condition exceptionally long.

15 cts. each; \$1.20 for 10; \$8.00 per 100

GIANT CAMPERNELLE RUGULOSUS. Beautiful, single, star-shaped flowers, borne in clusters of four to six; delicately fragrant. Much larger and finer than the old favorite Campernelle Jonquil. This is charming when used to border a path or in clumps against a large dark rock in the lower region of the rock-garden.

15 cts. each; \$1.25 for 10; \$8.00 per 100

JONQUILLA SIMPLEX. The true original single sweet Jonquil, bearing clusters of small, rich yellow flowers in May; extremely fragrant. Many people apply the word "Jonquil" to the large, trumpet-flowered type which is the true Daffodil. Make no mistake about it, the genuine Jonquil is a small, very deep yellow flower, very sweetly scented, and always borne in clusters. The foliage differs considerably from Daffodils and other Narcissus because it is slender, grass-like, and almost tubular, resembling that of some rushes. In truth, the botanical name of this class is sometimes given as *Narcissus juncifolius*, which means "rush-leaved," and the name Jonquil itself is a corruption of "junculus," the Latin word for a little rush.

15 cts. each; \$1.20 for 10; \$8.00 per 100

RUGULOSUS, DOUBLE. Double form of the Giant Campernelle Rugulosus. Large, double, yellow flowers; very fragrant.

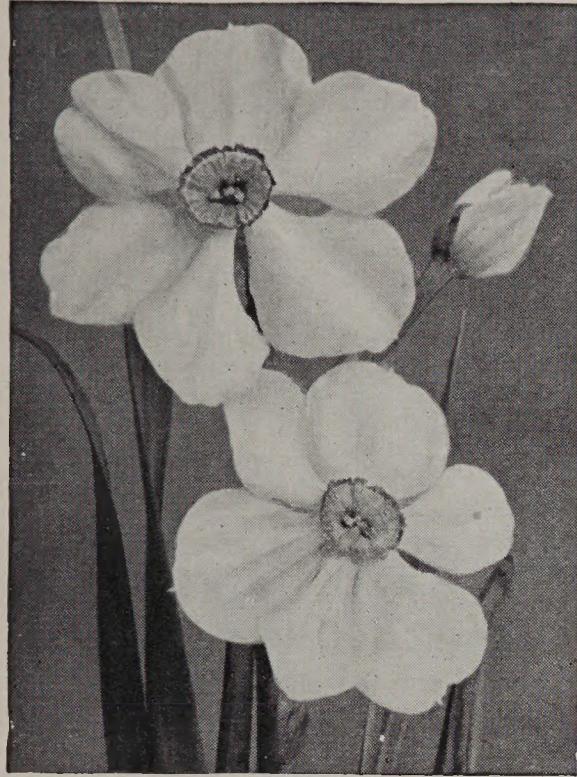
15 cts. each; \$1.20 for 10; \$8.00 per 100

LADY HILLINGDON. Blooms earlier than Golden Sceptre. Usually cluster-flowering, but sometimes bears its blooms single. The perianth is butter-yellow and the short, straight trumpet deeper yellow. Very tall and vigorous.

60 cts. each; \$5.50 for 10; \$50.00 per 100

TULLUS HOSTILIUS. Pronounced Trumpet type, rich Jonquil-yellow throughout. Lasts exceptionally long when cut.

15 cts. each; \$1.40 for 10; \$12.00 per 100



Poeticus, Horace



Bulbocodium conspicuum and Triandrus albus



Poetaz, Orange Cup

The Poet's Narcissus

Narcissus Poeticus

Division 9. This class of *Narcissus*, instead of having a trumpet or crown, has a small, wide-mouthed cup. They are very hardy, and are used in large numbers for naturalizing, their simplicity of form and the refined character of their blooms making them excellent flowers for cutting.

ACTAEA. The largest and most beautiful of the new *Poeticus*. Pure white perianth; broad, overlapping petals with a flat lemon-yellow cup frilled deep red.

30 cts. each; \$2.50 for 10; \$20.00 per 100

HOMER. This variety, like *Horace*, is one of the better types of *Poet's Narcissus*. Perianth pure white; cup canary-yellow, rimmed bright red. Excellent variety for forcing because of the large size of the flower, and length of stem.

15 cts. each; \$1.25 for 10; \$8.00 per 100

HORACE. This variety, like *Homer*, is one of the better types of the *Poet's Narcissus*. Perianth pure white; cup canary-yellow, rimmed bright red.

15 cts. each; \$1.25 for 10; \$8.00 per 100

ORNATUS. Pure white flowers; saffron cup, tinged rosy scarlet. Larger than the old original *Poeticus*, and earlier in bloom. Can be forced without difficulty.

10 cts. each; 80 cts. for 10; \$7.00 per 100

PHEASANT'S EYE. The original late-flowering *Pheasant's Eye* variety popular for gardens and naturalizing. Pure white flowers with orange cup, edged red.

10 cts. each; 70 cts. for 10; \$6.00 per 100

Tazetta and Tazetta Hybrids

Division 8. Under this class of *Narcissus* we have two very popular types—*Tazetta* or the original Bunch-flowering *Narcissus* which can be grown in the house in pebbles and water, such as the *Paper-White*, *Chinese Sacred*, and *Grand Soleil d'Or* listed on the following page, and the increasingly popular hybrid type known as *Poetaz*, which are now extensively planted in gardens on account of the mass effect of their blooms.

Poetaz

The Hardy Cluster-flowered Poet's Narcissus

The chief characteristic of this type of *Narcissus* is that hybridizers by crossing the strong-scented *Polyanthus* varieties with the *Poeticus* type, developed a hardy strain of Daffodils which has the bunch-flowered character of the *Polyanthus* with larger flowers similar to the *Poet's* described on this page. They are excellent for pot-culture and are splendid for the garden border.

ADMIRATION. Sulphur-yellow perianth; sulphur-yellow eye with scarlet-red border. A beautiful variety in every way.

20 cts. each; \$1.80 for 10; \$15.00 per 100

ASPASIA. Perianth pure white, with soft yellow eye; three or four flowers on a stem.

10 cts. each; 80 cts. for 10; \$7.00 per 100

ELVIRA. Clusters of 3 or 4 large flowers with broad white petals and bright yellow cups thinly edged orange. One of the loveliest of a lovely family.

10 cts. each; 90 cts. for 10; \$8.00 per 100

GLORIOUS. Pure white, broad, overlapping petals, with really brilliant scarlet cup. Free-flowering. Recommended as the finest *Poetaz* in cultivation. Tall and robust in the garden; excellent for forcing.

60 cts. each; \$5.50 for 10; \$50.00 per 100

KLONDYKE. Perianth pure bright yellow, with golden yellow eye. Vigorous and remarkably free-flowering. This is probably the most useful yellow-flowered *Poetaz* type, holding its color without fading as much as the other yellow types of this class.

10 cts. each; 90 cts. for 10; \$8.00 per 100

LAURENS KOSTER. Perianth pure white, with soft yellow eye. Robust growers, and probably the best of the older varieties for general garden planting.

10 cts. each; 90 cts. for 10; \$8.00 per 100

MAJESTIC. Bright yellow cup, making a nice contrast with the finely formed snowy white perianth.

15 cts. each; \$1.25 for 10; \$10.00 per 100

ORANGE CUP. A really bright, sunny *Poetaz*. Perianth even yellow; cup bright orange. Greatly admired by all.

15 cts. each; \$1.25 for 10; \$10.00 per 100

Miniature Daffodils

for the Rock-Garden

Division 11. Several of the botanical species of Daffodils are very tiny, making the rock-garden the logical place to use them. For this purpose they are ideal. In addition to the varieties listed below, we suggest the use of Division 5, the *Triandrus* and *Triandrus Hybrids* (page 6), and Division 6, the *Cyclamineus* and *Cyclamineus Hybrids* (page 6) as especially suited for rock-garden planting.

BULBOCODIUM CONSPICUUS. The yellow Hoop Petticoat. Rich golden yellow blooms, with rush-like foliage, growing 6 inches tall. Begins to bloom in late February. Prefers a damp, sandy, peat soil; withhold moisture in summer.

15 cts. each; \$1.25 for 10; \$9.00 per 100

BULBOCODIUM MONOPHYLLUS. The White Hoop Petticoat. Exquisite little flowers of snowy white brave the cold winds of early spring on 6-inch stems. Give them a sandy peaty soil and plenty of water while in growth.

20 cts. each; \$1.80 for 10; \$15.00 per 100

GLITTER. This beautiful subject for the rock-garden resembles in type the *Poeticus* *Narcissus*. Perianth and cup are deepest golden yellow, with glittering red edges. The flowers are borne on stems 8 inches high. An excellent variety for the rock-garden.

15 cts. each; \$1.40 for 10; \$12.00 per 100

W. P. MILNER. Low-growing, pure white Trumpet, very free-flowering, and highly recommended for rock-gardens and naturalizing.

20 cts. each; \$1.80 for 10; \$15.00 per 100

Other Varieties Suitable for Rock-Gardens. See page 6

Triandrus Albus

Triandrus, Agnes Harvey

Triandrus, Queen of Spain

Cyclamineus

Cyclamineus, February Gold

Jonquilla Simplex



CHEERFULNESS



Double Narcissus

Division 10. The newer varieties of Double Daffodils are extremely handsome. The variety Twink was very much admired in our exhibit at the New York Flower Show this past March. They make a fine display in the garden and are excellent for cutting.

ARGENT. Very pale primrose perianth with a double row of white petals and fragments of a chrome-yellow cup mixed with them. A double Incomparabilis. 10 cts. each; 80 cts. for 10; \$7.00 per 100

CHEERFULNESS. This exquisite double Poetaz resembles a gardenia in form of flower and is one of the loveliest of all the double Narcissus. The bloom is made up of a creamy white perianth and a mass of cream-colored petals among which a few short orange petals are intermingled. The deliciously fragrant flowers, in clusters of 3 or 4, are carried on heavy 10 to 12-inch stems which hold them firmly upright. A wonderful cut-flower. 15 cts. each; \$1.25 for 10; \$11.00 per 100

DAPHNE. A large, double flower of pure white, carrying delicious fragrance. Splendid forcing variety.

Jumbo Bulbs. 45 cts. each; \$4.00 for 10; \$35.00 per 100

INDIAN CHIEF. One of the new Doubles. Bright yellow, interspersed with orange; very large and very double; petals curled and twisted. 30 cts. each; \$2.50 for 10; \$20.00 per 100

MARY COPELAND. Already famous, considered one of the most outstanding of the new semi-double varieties. The longer perianth petals are pure cream-white, with a golden ray through the center, blending with the cup petals of brilliant orange and lemon. Splendid for exhibition.

Jumbo Bulbs. 75 cts. each; \$7.00 for 10; \$65.00 per 100

SNOWSPRITE. A fine double Leedsii Daffodil, somewhat resembling a gardenia. Flowers are pure white, suffused light lemon, and carried on tall, strong stems. Very late flowering. 15 cts. each; \$1.40 for 10; \$12.00 per 100

TEXAS. A companion variety to Mary Copeland. Pale yellow, interspersed with brilliant orange, making a wonderful showing. Very tall, of fine form, and late in flowering.

\$2.00 each; \$18.00 for 10

TWINK. Destined to be the most popular of Double Daffodils. Semi-double in type, with alternating petals of primrose and clear orange, each whorl of petals symmetrically centered over the other. It has none of the confused appearance common to older inferior doubles of this class. Flowers very early in the garden and is particularly suited for forcing. Outstanding exhibition variety. 20 cts. each; \$1.90 for 10; \$18.00 per 100

Polyanthus Narcissus

BUNCH-FLOWERING

VARIETIES FOR EARLY INDOOR GROWING
Not for outdoor planting, except south of the Carolinas

Ready for Delivery October 1

We are offering three varieties of this splendid type of Narcissus which are now universally grown indoors in pots of fiber or soil as well as in pebbles and water.

Dishes of these grown in pebbles and water, may be had in bloom continuously from Thanksgiving until Easter. The best method is to keep your bulbs in the containers in which they are shipped to you and to store them in a moderately cool, dry place. Plant different lots every three weeks from October 1 until March 1, and you can enjoy a constant succession of bloom.

CHINESE SACRED (*N. polyanthus orientalis*). Frequently referred to as the Chinese Sacred Lily. The flowers are similar to the following variety, Grand Soleil d'Or, except that the perianth is white while the cup is golden yellow. This bunch flowering type may be grown in pebbles and water, similar to Grand Soleil d'Or and the Paper-White Narcissus. Mammoth Bulbs. 10 cts. each; 80 cts. for 10; \$7.00 per 100

GRAND SOLEIL D'OR. This popular bunch-flowering variety of the Polyanthus type is as easy to grow in pebbles and water as in soil or our Shurgrow Bulb Fiber. The flowers are a clear sunny yellow, with bright orange cups.

15 cts. each; \$1.40 for 10; \$12.00 per 100

PAPER-WHITE GRANDIFLORA. The popular bunch-flowering pure white Narcissus, frequently having thirty individual blooms and splendid decorative foliage from a single bulb. First-size Bulbs. 5 cts. each; 45 cts. for 10; \$4.00 per 100
Jumbo Bulbs. 7 cts. each; 50 cts. for 10; \$4.50 per 100



THREE Exquisite DAFFODILS

Our presentation here is three of the finest *Narcissus* of their respective types. Aristocratic *Croesus* and the magnificent *Helios* are *Incomparabilis* varieties, while the exquisite *Diana Kasner* is a *Barri*.

All three have the desirable broad perianth segments so necessary to a proper setting for the richly adorned cups.

Whether for cutting or garden glory, you will never have enough of them, so better plant as many of each as you possibly can.

SPECIAL COLLECTION OFFER

30 bulbs, 10 each of the 3 varieties (Value \$3.60) **\$3.25**

60 bulbs, 20 each of the 3 varieties (Value \$7.20) **\$6.00**

Top **CROESUS.** (*Incomparabilis*.)

Broad, overlapping petals of pale primrose form a perfect mat against which nestles a shallow cup whose frilled edges are stained with orange-red, held stiffly at right angles to the stem. One can enjoy the fragrance and beauty of the flowers in the garden as well as when cut. A great *Narcissus*.

15 cts. each; \$1.20 for 10; \$9.00 per 100

Middle **DIANA KASNER.** (*Barri*.)

It is easy to fall in love with this pretty flower. The richly colored edge of the heavily frilled cup seems to almost scorch the silvery whiteness of the very feminine oval petals. You'll never have enough *Diana Kasners*.

15 cts. each; \$1.20 for 10; \$9.00 per 100

Bottom **HELIOS.** (*Incomparabilis*.)

It shines like the sun, does this incomparable Daffodil, and every lover of these fragrant flowers understands the ancient sun worshippers. The color plate shows the coloring but loses the commanding characteristics that only the living flower can display.

15 cts. each; \$1.20 for 10; \$9.00 per 100

Giant Darwin Tulips, May-flowering

For the herbaceous border, massed in clumps, along the edge of shrubbery, or as cut-flowers for vases, these are conceded to be the superior of all the Tulips

The most useful Tulips for garden decoration and cutting are found in the Darwin class. These Tulips are characterized by clear, fresh colors, usually free from mottlings, overlays, or feathered edges, and include all shades known in Tulips except brown and buff. The rare pure yellow is now available in recently introduced Darwin varieties. Their flowers are deep, bowl-shaped, borne on stiff stems 2 to 3 feet high, depending on variety and cultivation, and make the garden gay for several weeks in May, extending into June in the northerly districts.

We have included in our list a selected number of Ideal Tulips. These are identical with the Darwins and bloom at the same time. We have made extensive trials each year and have listed only the most outstanding varieties of the so-called Ideal Tulips. Extravagant claims have been made by some not-well-informed people, that these Tulips flower earlier and remain longer in bloom. We have not found

this so. There are a very limited number of varieties which are distinct in color, of good texture, large in size and with strong stems. These we list for your consideration. Many of the finest exhibition varieties in our list can now be purchased at much lower prices than last year. We urge a trial of these new and rare kinds.

CULTURE.—Bulbs should be planted 5 to 6 inches deep and not less than 5 inches apart. Sand to the depth of $\frac{1}{2}$ inch at the base of the bulbs will amply repay the trouble by the provision for drainage during wet weather. For forcing, bulbs should be planted as soon as received, and the flowers appear to better advantage if pots a trifle deeper than the ordinary bulb-pans are used. We recommend what are termed azalea-pots for this purpose. A temperature of 55 to 60 degrees is recommended, for if allowed to "come gently," larger flowers and longer stems may be had.

ADORATION. A very lovely color and quite distinct—a pale soft flesh-pink with lighter edge and a white base. Very large, well-formed flower carried on a fine strong stem. Height 28 inches. **70 cts. for 10; \$6.00 per 100**

AFTERCLOW. Deep, rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. A sport of Baronne de la Tonnaye, which is of remarkable interest because it is the first instance of a Darwin sporting to the Breeder tones. A showy Tulip for outdoors. Height 26 inches. **55 cts. for 10; \$4.50 per 100**

ANTON MAUVE. A splendid exhibition variety on account of its wonderful stately habit. The flower is of unusually large size, and an even tone of deep bluish lilac. Excellent for the border or for pots. Height 32 inches. **60 cts. for 10; \$5.00 per 100**

BARTIGON. Fiery crimson with white base. A variety largely grown by the commercial florist on account of its brilliant color. May be forced indoors to bloom in early February. Height 26 inches. **55 cts. for 10; \$4.50 per 100**

BENJAMIN FRANKLIN. Lovely pale lavender Tulip of perfect form. Flowers of large size borne on fine strong stems. Height 29 inches. **70 cts. for 10; \$6.00 per 100**

BLACK EAGLE (Blue Eagle). Through a trial of several years in our Trial-Gardens, we have found this variety to be of excellent substance and splendid size. The color is best described as a brilliant intense deep purple which glistens in the sunlight. The anthers are pitch black and the base deep blue. A splendid Tulip in every way; excellent for contrasting with pale pink or white varieties. Height 30 inches. **60 cts. for 10; \$5.00 per 100**

BLEU AIMABLE. Very lovely variety of pure heliotrope color, slightly darker on the inside. A good-sized flower borne on a fine strong stem, much superior to the variety Dream. Height 26 inches. **65 cts. for 10; \$5.50 per 100**

BLUE PERFECTION. A very beautiful Tulip of bright violet, edged heliotrope, with a white base. Petals are pointed and slightly reflexed. Height 30 inches. **\$1.30 for 10; \$12.00 per 100**

CAROLINE TESTOUT. This beautiful new Ideal Tulip resembles in color the rose of the same name—a rather even tone of soft rose, a trifle deeper in color than the lovely Ideal Tulip, La France. It is a fine, large, well-shaped flower of perfect form and exceptional lasting qualities. Height 28 inches. **\$3.50 for 10; \$30.00 per 100**

CITY OF HAARLEM. Intense dark scarlet with darker bloom; large steel-blue base and white halo. Wonderful cup-shaped flower, with petals incurving slightly at the tips. One of the finest brilliant red Darwins. Quite the largest-flowered Tulip, and a winner in its class at many Tulip exhibitions. Height 27 inches. **85 cts. for 10; \$7.50 per 100**

CLARA BUTT. Beautiful clear salmon-pink. No variety offered by us has the same distinctive and pleasing color. Height 22 inches. **55 cts. for 10; \$4.50 per 100**

DRESDEN CHINA. Lovely shaped flower of true Darwin type, carried on a very tall, straight stem. The well-chosen name is indicative of the unusual colorings. It is a very bright Tulip that draws immediate attention in a collection. Height 30 inches. **75 cts. for 10; \$6.50 per 100**

DUCHESS OF HOHENBERG. Pale slaty lilac-mauve, with stripe of rosy heliotrope; inside pale lilac, with white base. Enormous, long flower on a tall, stiff stem. Splendid exhibition variety. Height 29 inches. **90 cts. for 10; \$8.00 per 100**

DUKE OF WELLINGTON. A very fine pure white variety with a good strong stem. The flowers are of excellent substance. Height 26 inches. **85 cts. for 10; \$7.50 per 100**

ECLIPSE. A large, deep, rich, glowing blood-red flower of fine form. The best of its color. A popular variety at all Tulip exhibitions on account of its large flower, long stem, and wonderful substance. Height 30 inches. **\$1.30 for 10; \$12.00 per 100**

FARNCOMBE SANDERS. A bright shade of scarlet, with a clear white base, contrasting well when the flower is fully open. Broad-petaled flower of large size. One of the best among the less-expensive reds for forcing or border planting. Height 25 inches. **60 cts. for 10; \$5.00 per 100**



Darwin Tulips in bloom with Wisteria

GIANT DARWIN TULIPS, MAY-FLOWERING, continued

FLAMINGO. An even tone of pale shell-pink. A very exquisitely tinted Darwin, of refined coloring and form. While not a large flower, splendid for the border when planted in contrast with lavender varieties. Height 28 inches. 60 cts. for 10; \$5.00 per 100

FAUST. Rich, dark satiny purple-maroon, with a blue base. Very large flower of fine form. Quite the best in its color. Height 30 inches. 70 cts. for 10; \$6.00 per 100

GIANT. Flower of enormous size and wonderful substance. Deep reddish purple shaded violet. Quite the finest variety of this color, and one that can now be had at a much lower price. Height 30 inches. 75 cts. for 10; \$6.50 per 100

GLACIER. A new Ideal white Darwin Tulip that has the same fine characteristics as Mrs. Grullemans and White Giant as regards long season of bloom and substance, but differs in that the flower resembles the new hybrid Darwin-Cottage type, being decidedly oval and of giant size. Height 30 inches. \$2.25 for 10; \$20.00 per 100

GOLDEN AGE. Among the many new yellow Darwins of recent introduction, this giant variety is quite the finest. It is a bright golden orange—distinctly a new shade in yellow Tulips—and a fine, strong grower with exquisitely shaped flowers. Splendid for exhibition. Height 29 inches. \$2.25 for 10; \$20.00 per 100

IMPERATOR. A Tulip of the same deep crimson color as Bartigon, but taller and larger. The flower is of gigantic size and of splendid substance. Height 34 inches. \$2.50 for 10; \$24.00 per 100

INSURPASSABLE. A well-named variety, for it is truly outstanding. The huge lilac blooms are borne on 27-inch stems. It is far superior to the well-known variety, William Copland, and is highly recommended for exhibition and forcing. \$1.00 for 10; \$9.00 per 100

JUBILEE. Considered by Tulip fanciers as one of the finest of the blue-purple varieties. Huge flower of superb form and color. A first-prize variety at many Tulip exhibitions. Height 29 inches. 80 cts. for 10; \$7.00 per 100

KING GEORGE V. Perhaps best described as a deep cherry-rose with a blue base. A flower of very large size and splendid form. One of the most popular varieties for exhibition, and can now be had at an attractive price. Height 26 inches. 80 cts. for 10; \$7.00 per 100

KING HAROLD. Intense ruby-crimson, center rich black. Very tall and of fine form. A very rich deep color. Very distinct. Height 24 inches. 55 cts. for 10; \$4.50 per 100

LA FIANCÉE. Deep rose, shading to old-rose and delicate pink at the edges, with blue base. Of large size, and very effective when planted with mauve and dark lavender sorts. A very handsome variety that can now be obtained at an attractive price. Height 30 inches. 65 cts. for 10; \$5.50 per 100

LA FRANCE. A new Ideal Darwin. Delicate pink, resembling the La France rose in color, with a pure white center—a new and lovely shade. Large, well-formed flower, borne on strong, stiff stem. Height 28 inches. 80 cts. for 10; \$7.00 per 100

LA TRISTESSE. Deep slaty blue, with white base—a very distinct color. Splendid when planted with pale yellow and bronze varieties of the Cottage and Breeder Tulips. Height 26 inches. 65 cts. for 10; \$5.50 per 100

LA TULIPE NOIRE (The Black Tulip). The nearest in color to the so-called "Black Tulip"—deep maroon-black which has a velvety sheen in the sunlight. Height 25 inches. 65 cts. for 10; \$5.50 per 100

LADY HILLINGDON. This variety has been named after the rose it resembles in color. When flowering outside it is orange shaded buff, a color not found among the Darwins; grown indoors, it is a bright orange. Height 27 inches. \$1.70 for 10; \$16.00 per 100

LILAC WONDER. Another Ideal Darwin Tulip of distinct merit on account of its lovely color—bright porcelain-blue with a white base. The flowers are large, of splendid substance, and possess excellent keeping qualities. 80 cts. for 10; \$7.00 per 100

LOUISE DE LA VALLIERE. Brilliant cherry-rose with pale blue base starred white. A very clear and beautiful color. This and King George V are two Tulips that are always admired in our Trial-Gardens on account of their lively color and large size. Splendid for exhibition. Height 24 inches. 80 cts. for 10; \$7.00 per 100

MADAME BUTTERFLY. A splendid exhibition variety which, after repeated tests in our Trial-Gardens, we have decided to include in our list. The flowers are of wonderful substance, large size, and of a pale mauve color with the exterior of the petals shaded light violet; white base and black anthers. A Tulip that lasts quite a long time in perfect condition and is excellent for contrasting with pale pink varieties. Height 30 inches. 90 cts. for 10; \$8.00 per 100

MAHOGANY. A very large flower of true Darwin form, of a rich deep shade of mahogany, with a darker base. Excellent for exhibition. \$3.50 for 10; \$30.00 per 100

MARGAUX. Gigantic flower of deep wine-red, broadly edged with a lighter shading of wine-red. A Tulip of great size and beauty with a fine strong stem. Height 30 inches. 90 cts. for 10; \$8.00 per 100

MAOURNEEN. A lovely Tulip very much admired in our Trial-Gardens. A very delicate lilac and mauve with lighter edges on the petals and a bluish base. A flower of good size and excellent substance, and splendid for combining with pale pink or pale yellow varieties. Height 30 inches. \$1.90 for 10; \$18.00 per 100

MELICETTE. Beautiful pure lavender, shading to paler lavender at the edges, with a beautiful blue base. A very lovely variety. Height 26 inches. 70 cts. for 10; \$6.00 per 100

MERMAID. A new variety that blooms early, with huge, long-lasting flowers of good substance. Delicate flesh-pink, lighter edge, with creamy white base. Height 30 inches. 80 cts. for 10; \$7.00 per 100

MR. VAN ZYL. Glorious dark rosy pink with a border somewhat paler. A new Darwin Tulip very much admired in our Trials on account of its striking color, large size, and excellent texture. Height 30 inches. \$1.00 for 10; \$9.00 per 100

MRS. GRULLEMANS. A lovely pure white Ideal Darwin Tulip, with huge flowers of great substance, and a pure white center; yellow anthers. An outstanding Tulip and one of the finest of new introductions. Height 30 inches. \$1.30 for 10; \$12.00 per 100

MRS. HAROLD I. PRATT. Magnificent globular flower of soft rose and amber, with occasional tones of purple-brown. The petals are broad and rounded, the three outer ones slightly reflexed. Fine strong-growing variety. Height 30 inches. \$1.10 for 10; \$10.00 per 100

MRS. MANDEL. This beautiful Ideal Darwin Tulip is in color very much on the order of the Darwin Tulip, Dream, but superior in every way. Very beautiful in the garden and may be forced in bloom in late January. Violet-blue flushed lilac. Height 29 inches. 60 cts. for 10; \$5.00 per 100

MRS. WILLIAM R. CONKLIN. A gem among the new white Ideal Darwin Tulips. Like Glacier, it has beautiful, fine, oval-shaped petals of glistening whiteness, gigantic size, and wonderful substance. It maintains its color through its entire period of bloom. Flowers with the earliest white Ideal Tulips and remains in fine condition with the latest. Height 30 inches. \$5.00 for 10; \$45.00 per 100

PRESIDENT HARDING. A variety which has proved very fine for exhibition work. The large, deep purple flower, shaded violet, is borne on a tall, strong stem. Can now be obtained at an attractive price. Height 32 inches. 70 cts. for 10; \$6.00 per 100

PRIDE OF HAARLEM. Magnificently formed flower of immense size, brilliant, deep rose, shaded scarlet, with light blue base. This variety is perhaps the most widely known for its stately habit and glorious color. Height 36 inches. 55 cts. for 10; \$4.75 per 100

PRINCESS ELIZABETH (Julie Vinot). Beautiful clear deep pink, changing with age to rose-pink; white base. Large, like a rose when first open. Height 26 inches. 55 cts. for 10; \$4.75 per 100

PRINCESS MARY. Bright carmine-rose with margin of rose-pink; inside clear carmine-rose with blue base and white halo; huge flower on a splendid stem. A magnificent variety in every way and much admired at Tulip exhibitions. Can now be obtained at lower prices. Height 28 inches. \$1.20 for 10; \$11.00 per 100

QUEEN OF ENGLAND. A magnificent soft pure pink Tulip of a deeper shade than La France, quite the finest in its color. The flower is of good size and splendid substance, keeping its lovely color well. Fine strong stems. Height 30 inches. \$3.75 for 10; \$35.00 per 100

QUEEN OF THE NIGHT. One of the darkest Tulips ever introduced. Superior to the Darwin Tulips Mystery and La Tulipe Noire. Large, well-formed flowers of excellent substance on fine strong stems. \$1.90 for 10; \$18.00 per 100

REV. H. EW BANK. An exquisite shade of soft lavender-violet, slightly shaded silver-gray. A variety of great merit on account of its lovely color. Height 23 inches. 55 cts. for 10; \$4.50 per 100

RONALD GUNN. Bright shade of violet, edged pale lavender, with a conspicuous white base. A flower of splendid shape and even more exquisite when grown in pots. Height 26 inches. 75 cts. for 10; \$6.50 per 100

SCOTCH LASSIE. Pure deep lavender, with darker shade inside and a dark blue base. Far superior to Melicette, the flowers being larger and of greater substance. Remains in flower for a long period of time. Height 29 inches. \$1.00 for 10; \$9.00 per 100

SNOWSTORM. A fine snow-white Darwin Tulip, like White Giant, but with black anthers. Large, well-formed flowers of excellent substance. Height 28 inches. 85 cts. for 10; \$7.50 per 100

THE PEACH. This Tulip can perhaps best be described as a beautiful tint of peach-pink. Large, well-formed flower, on a fine strong stem. Excellent for exhibition. \$2.25 for 10; \$20.00 per 100

GIANT DARWIN TULIPS, MAY-FLOWERING, continued

THE BISHOP. One of the most outstanding Tulips at most Tulip exhibitions, and conceded the finest in its class whether grown in the border or in pots indoors. Best described as the purest heliotrope shade in the Darwins. A large, bowl-like flower of very artistic coloring. Height 30 inches. 95 cts. for 10; \$8.50 per 100

TILLY LUS. A fine shade of rosy lavender. Flowers of unusual size and splendid substance. A distinct variety very much admired at our Testing-Gardens. Height 28 inches.

85 cts. for 10; \$7.50 per 100

VALENTIN. A lovely shade of deep mauve-violet, inside heliotrope, with blue base. A long, large flower on a tall stem. Splendid Tulip for the border. Height 30 inches. 70 cts. for 10; \$6.00 per 100

VENUS. A splendid exhibition variety and the finest of its color. Pure, even tone of silvery rose, white base, marked with a pale blue ring. A large, well-formed flower of very pleasing color. Height 28 inches.

65 cts. for 10; \$5.50 per 100

WHITE GIANT. We consider this, Mrs. Grullemans, and Zwanenburg quite the finest of the many new introductions in white Ideal Darwin Tulips. The large, well-formed flower is of splendid substance, borne on a strong, stiff stem. Height 30 inches.

\$1.00 for 10; \$9.00 per 100

WILLIAM COPLAND. Uniform lilac-rose. May be forced as early and as easily as the Early Tulips. The color, when grown indoors, becomes a most beautiful lavender. Height 24 inches.

60 cts. for 10; \$5.00 per 100

WILLIAM PITT. Very dark crimson, with purplish bloom on the outer petals. Large flower of distinct color and one that can be forced in bloom early. Height 24 inches. 65 cts. for 10; \$5.50 per 100

YELLOW GIANT. A rich deep golden yellow, fine, large, globular flower, carried on long, strong stem. Splendid for exhibition. Can now be obtained at a much lower price. Height 28 inches.

65 cts. for 10; \$5.50 per 100

ZWANENBURG. This variety, which first appeared in a specialist's culture, was noted by us in 1913 when there existed six bulbs. It is the first example of a pure white Darwin. Height 28 inches.

80 cts. for 10; \$7.00 per 100

S. & W. CO.'S DARWINS, MIXED. For those who prefer planting Darwin Tulips in mixture for the cutting garden we offer a well-balanced mixture carefully prepared to include the distinct colors.

45 cts. for 10; \$4.00 per 100; \$38.00 per 1000



AFTERGLOW

LA TRISTESSE

PRINCESS ELIZABETH

SNOWSTORM

F. SANDERS

Creating Color Contrasts

LATE-FLOWERING TULIPS are most effective in a Tulip border if clumps or blocks of 20 to 40 of each variety are planted. The five varieties which we picture above have been especially chosen for their distinct color and blooming qualities. These will make a pleasing color contrast. They may be arranged in the border in clump formation, the clumps so arranged at planting-time as to leave irregular spaces at the edges of the border in order that pansy plants may be set out in early April, to provide a pleasing low-growing border planting. The varieties featured above are illustrated in the following order:

AFTERGLOW. A glorious combination of deep rosy orange and salmon.

60 cts. for 10; \$5.00 per 100

LA TRISTESSE. A deep shade of slaty blue.

65 cts. for 10; \$5.50 per 100

PRINCESS ELIZABETH. A glorious pink Tulip differing from other varieties in its vividness of color.

55 cts. for 10; \$4.75 per 100

SNOWSTORM. An attractive giant snow-white Darwin Tulip. 85 cts. for 10; \$7.50 per 100

FARNCOMBE SANDERS. Vivid shade of scarlet. Large, cup-shaped flowers on fine strong stems. One of the best among the reds for border planting and equally good when used in clumps and the shrubbery border.

60 cts. for 10; \$5.00 per 100

Special Collection Offer: 100 bulbs, 20 each of 5 varieties (value \$5.55) **\$4.75**

Dutch Breeder Tulips

May-Flowering



LOUIS XIV

FAIRY

Breeder Tulips are very similar in habit to the Darwins, and flower at the same time. Their chief characteristic is their immense blooms, borne on strong, stiff stems, many of them longer than the most gigantic Darwins. The revival of the taste for art colors has made these Tulips, at one time very popular in England, strong favorites with American enthusiasts, who find in their bronze, buff, and brown shades excellent material for contrasting with the light and bright colors of the Darwins.

They require the same cultural treatment as the Darwins

ABD-EL-KADIR. Dull bronze-yellow, shading to light bronze at edge of petals; inside bronze-brown, with olive-green base; good-sized flower. Height 26 inches. 60 cts. for 10; \$5.00 per 100

ADMIRAL TROMP. One of the newer Breeder Tulips which will become more popular when better known. The general tone of the flower is a bright orange-red shaded salmon. Petals are of good substance and the blooms are large. Height 30 inches.

\$1.60 for 10; \$15.00 per 100

AUGUSTUS. This new Giant Breeder Tulip is one of the finest in the new deep lilac-lavender shades. The flowers are of excellent substance, large and well formed. Height 32 inches.

\$1.00 for 10; \$9.00 per 100

BACCHUS. Dark violet-blue, the outside of the petals having a darker bloom; base starred white. The nearest approach to dark blue in late Tulips. Fine for contrasting with bronze varieties. Height 28 inches.

75 cts. for 10; \$6.50 per 100

BRANDENBURG. A new Breeder Tulip of an even shade of deep violet-red with beautiful rich blue base. A flower of large size and splendid texture. Height 30 inches.

\$1.00 for 10; \$9.00 per 100

BRONZE QUEEN. Large, soft golden bronze flower of sturdy habit. A very exquisite color when forced and splendid for the border. Height 28 inches.

55 cts. for 10; \$4.75 per 100

SPECIAL COLLECTION OFFER

100 bulbs, 25 each of the varieties illustrated on this page (value \$5.90) . . . \$5.00



DUTCH BREEDER TULIPS, MAY-FLOWERING, continued

CARDINAL MANNING. A splendid shade of rosy violet, with a slight edge of bronze. Large flower of fine form. Height 28 inches. 60 cts. for 10; \$5.00 per 100

CHERBOURG. This is, undoubtedly, one of the finest Breeder Tulips ever introduced. We are able to offer only a limited quantity of it. Its color is best described as a deep tone of golden yellow, with a suffusion of terra-cotta, the deeper tone of yellow growing stronger toward the edges of the petals. The flower is much admired on account of its gigantic size and beautiful color. Can now be obtained at a much lower price. Height 32 in. 95c. for 10; \$8.50 per 100

COPERNICUS. Dark coppery bronze, flushed old-rose; interior warm brown with yellow base. An attractive, large flower, borne on a strong stem. Height 28 inches. 70 cts. for 10; \$6.00 per 100

DILLENBERG. A new variety much on the order of the Cottage Tulip Dido, but of a brighter and deeper tone best described as a glorious salmon-orange. The blooms are perfect. Height 28 inches. 60 cts. for 10; \$5.00 per 100

DOM PEDRO. Coffee-brown, shaded maroon, inside rich mahogany; large flower; very fragrant. Height 21 inches. 65 cts. for 10; \$5.50 per 100

FAIRY. Reddish mahogany, with bronze shading; an extra-large flower of artistic character. For borders or late forcing. Height 24 in. 65 cts. for 10; \$5.50 per 100

GARIBALDI. One of the finest Breeders as yet introduced. Pale lilac-bronze, with a broad primrose-yellow margin. A long and graceful flower. We are pleased to state that we can offer this variety at a much lower price this year. Height 31 inches. 75 cts. for 10; \$6.50 per 100

GEORGE GRAPPE. A welcome addition to the so-called "Giant New Breeder Tulips." When well grown the stems attain the height of 48 inches and the flowers are of large size and a uniform shade of soft mauve. \$4.50 for 10; \$40.00 per 100

GODET PARFAIT. Dark blue-purple, with white base and blue halo; very large flower of striking color. Height 30 inches. 70 cts. for 10; \$6.00 per 100

GOLDEN WEST. A distinct color in the new Giant Breeder Tulips. The general effect of the flower is a golden buff, an excellent color for contrasting with the deeper tones of the Breeders. Height 30 inches. 85 cts. for 10; \$7.50 per 100

GOLDFINCH. Elegantly formed, large, pointed flower. Rich golden chestnut, inside deep mahogany-brown, yellow base. Height 30 inches. 70 cts. for 10; \$6.00 per 100

HERMES. Sparkling orange-red with bronze undertone; edges of petals of deeper bronze tone; yellow center. An outstanding and beautiful variety, rich in color yet bright. A decided acquisition to the Breeder Tulip class. Height 30 inches. \$1.00 for 10; \$9.00 per 100

INDIAN CHIEF. Reddish mahogany flushed purple, edged warm brown with age; yellow base. A huge flower of wonderful substance and most artistic shape, carried on a very tall stem. A splendid exhibition variety that can now be had at a much lower price. One of the finest in our Catalogue. Height 33 inches. \$1.10 for 10; \$10.00 per 100

JAUNE D'ŒUF. Ruddy apricot, inside soft yellow, with black base and anthers; very striking variety. Height 21 inches. 65 cts. for 10; \$5.50 per 100

JESSEY. This magnificent Tulip is much on the order of Louis XIV but larger and livelier in color. The general effect is a clear coffee-brown, bronzy red. The gigantic flower is borne on a fine, strong stem. Splendid for exhibition. Height 36 inches. \$1.10 for 10; \$10.00 per 100

LOUIS XIV. An even tone of dark purple, with a broad margin of golden bronze; green-black base starred yellow; very large flower of wonderful substance. A very fine variety. Height 30 in. 70 cts. for 10; \$6.00 per 100

LUCIFER. Clear orange, with a rosy flush and olive base, with yellow star; very large flower on a tall stem. A gorgeous color which glows like a fire. Height 24 inches. 75 cts. for 10; \$6.50 per 100

MRS. BEECHER STOWE. Large flower of fine form on strong stem. One of the finest deep purple varieties with a velvety bloom on the outer petals. Effective on account of its large size and strong color. Height 30 inches. 80 cts. for 10; \$7.00 per 100

MRS. J. RAMSAY HUNT. Rich deep shade of purple. The flower is of large size, wonderful texture, and is borne on strong, sturdy stems. Height 32 inches. \$1.60 for 10; \$15.00 per 100

NEWTON. Dark purple, with plum bloom on outer petals. A flower of the same tone as Darwin Jubilee, but not so large. One of the tallest Tulips. Height 35 inches. \$1.60 for 10; \$15.00 per 100

PINK PEARL. A Breeder, quite the finest of its color. The outside of the flower is a lilac-pink, inside rose; beautiful white base. A large, egg-shaped flower. Height 26 inches. 70 cts. for 10; \$6.00 per 100

PRESIDENT HOOVER. Crimson edge and suffused brilliant orange; inside scarlet with yellow base; starred green and yellow midribs. A big flower of glowing color when seen either in shade or sunlight. Excellent for exhibition. Height 28 inches. 85 cts. for 10; \$7.50 per 100

PRINCE ALBERT. Golden brown, with purple flush through center of petals, which disappears as the flower ages. Height 32 inches. 65 cts. for 10; \$5.50 per 100

PRINCE OF ORANGE. Dark terra-cotta-brown, shaded yellow, with a yellow base starred black. Splendid for the border and good for forcing. Height 24 inches. 60 cts. for 10; \$5.00 per 100

RAYON D'OR. Large, well-formed flower of great substance, carried on a strong stem. The color is a bright golden bronze, edged bronzy yellow with olive-green base. A splendid exhibition variety. Height 30 inches. 75 cts. for 10; \$6.50 per 100

ROI SOLEIL. This fine Breeder Tulip is a combination of shades—rich dark violet, flamed with bronze; large flower borne on a strong stem. Height 28 inches. 75 cts. for 10; \$6.50 per 100

TANTALUS. A new Breeder Tulip of real merit. Cup-shaped blooms of light cadmium-yellow, shaded dull violet. Height 30 inches. \$1.60 for 10; \$15.00 per 100

THOMAS STEVENSON. Another of the New Giant Breeder Tulips that is much admired in our Trial Gardens. A gigantic flower of an even tone of light lavender. Height 32 inches. 90 cts. for 10; \$8.00 per 100

VELVET KING. Deep, glossy purple-maroon, with a white base; flower of gigantic size. A magnificent Tulip for the border or shrubbery and forms an effective contrast when planted with the light-colored Tulips. Height 28 inches. 95 cts. for 10; \$8.50 per 100

S. & W. CO.'S BREEDER, MIXED. For those who wish to plant for the cutting garden we offer a well-balanced mixture. 50c. for 10; \$4.50 per 100; \$42.00 per 1000

Cottage and Hybrid Tulips, May-flowering

The Cottage Tulips, like the Darwins, flower late. Many of the varieties are used extensively for late bedding and are magnificent for this purpose. The pale primrose, deep yellow, and splendid white sorts are often planted with the Darwins for effects of contrast. The following list, we feel sure, contains most of the best varieties. Certain sorts, like some of the Darwins, will flower a few days earlier than

ADVANCE. A much-admired Tulip in our Trial-Gardens. It is the result of a cross between *Gesneriana spathulata* and the Botanical Tulip *Greigi*. One of the largest flowers seen in Tulips, reminding one when fully opened of an Oriental poppy. The color is difficult to describe—a fiery red with a blue base. One of the earliest of the May-flowering Tulips. Height 32 inches. **\$1.30 for 10; \$12.00 per 100**

ALASKA. One of the finest of the new Hybrid Tulips. The flowers are long, the outer petals slightly reflexed and of an even tone of pure yellow. Height 28 inches. **60 cts. for 10; \$5.00 per 100**

AMBROSIA. This beautiful new variety of Hybrid Tulip contains a combination of shades—bronze with rosy lilac glow; inside of the large, well-shaped flower is a salmon-orange tone. An interesting new Cottage Tulip. Height 28 inches. **60 cts. for 10; \$5.00 per 100**

ARETHUSA. The large, urn-shaped flower is of true Cottage form, of a light shade of chrome-yellow. A new variety greatly admired on account of its size, lovely form, and fine, erect stem. Height 25 inches. **70 cts. for 10; \$6.00 per 100**

AVIS KENNICOTT. A rich, deep shade of yellow, with a striking black base and anthers. One of the best of the newer varieties. Height 25 inches. **60 cts. for 10; \$5.00 per 100**

BARBARA PRATT. Rich, light cochineal-carmine, edges lilac-rose, with narrow green edge; anthers yellow. A very beautiful Tulip with slightly reflexed petals. Highly recommended for exhibition. In a test of over one hundred varieties of New and Rare Tulips in the writer's garden, this variety was very frequently commented on. We consider it one of the finest Tulips of recent introduction. Height 36 inches. **95 cts. for 10; \$8.50 per 100**

BETSY ROSS. A beautiful new shade in Tulips. Best described as a rich deep orange. The flower is of large size, borne on fine strong stems. Height 26 inches. **80 cts. for 10; \$7.00 per 100**

BUFF BEAUTY. A Tulip of unusual coloring, the result of a cross between a Darwin and a Breeder. The cup is similar in form to the Darwin Tulip, with strong, erect stem. Its color is perhaps best described as a glowing blend of coral-rose and dark amber, with a canary base and buff anthers. Height 26 inches. **70 cts. for 10; \$6.00 per 100**

CARRARA. This Tulip, when first exhibited in 1921, was considered the finest new white variety. Blooms broadly cup-shaped, with rounded petals that all come to the same level when the flower is half open. Height 26 inches. **75 cts. for 10; \$6.50 per 100**

DIDO. A large, well-formed flower of rich orange-rose tone, with margin of bright orange-yellow, inside bright orange with yellow base. We believe this variety will be very popular this year and its greatly reduced price will find it in greater demand. Height 30 inches. **60 cts. for 10; \$5.00 per 100**

others, but on the whole the earliest is just at its best when the latest-flowering variety is just beginning to show bloom. We have included many of the finest of the new late-flowering Hybrid Tulips. They are the results of crossing the Darwin with Cottage Tulips, and bloom at the same time as the other May-flowering varieties.

DOSIA. This new and interesting Grullemanni Tulip is perhaps best described as a bright red with broad yellow edges. The flowers are gigantic, of wonderful substance, and very striking on account of their new and novel coloring. Height 29 inches. **\$1.40 for 10; \$13.00 per 100**

FASCINATING. While classified as Lily-flowering, this new and distinct Tulip is one of the finest, if not the finest, of recent introduction. A majestic Tulip in every way. Exterior an even tone of sulphur-yellow; interior dark lemon-yellow. Large, reflexing petals of perfect form, borne on tall, straight stems. A gem for a partially shady location in the border. Height 28 inches. **\$3.00 for 10; \$28.00 per 100**

GESNERIANA LUTEA. A bedder of unsurpassed qualities, with perfect-shaped flowers of purest golden yellow, on strong stems holding the flowers perfectly erect. Height 24 in. **60 cts. for 10; \$5.00 per 100**

GOLDEN STATUE. A new Tulip of great size, pale yellow in color, and oval in shape. One of the finest Tulips for outdoor planting; stems tall and strong. Height 26 inches. **\$1.30 for 10; \$12.00 per 100**

GRENADIER. A Tulip of great beauty and of an unusual and striking color—brilliant orange-red throughout. The flowers are large, very sweetly scented, and borne on sturdy stems. Excellent for both beds and borders. Height 24 inches. **60 cts. for 10; \$5.00 per 100**

GRISILDE. This and Inga Hume are unique among Tulips. They are the result of crossing Darwin Tulips with a Tulip species. The flowers are of remarkable substance and last for two weeks after being cut. Grisilde is white, with a faint red spray on the outer petals and inside creamy white. Height 26 in. **95c. for 10; \$8.50 per 100**

INGLEScombe PINK (Salmon Queen). Beautiful soft rosy pink, slightly flushed salmon; large, globular flower of excellent form. Adapted for borders or late forcing. Height 22 inches. **55 cts. for 10; \$4.50 per 100**

INGLEScombe YELLOW. A beautiful variety. Size, form and height greatly resemble the Darwins, so much so that it is frequently called the "Yellow Darwin," a fitting title. Height 22 inches. **55 cts. for 10; \$4.50 per 100**

JANE ALDRED. Flowers of large size, excellent form, and a uniform even tone of creamy yellow. A strong, even grower and one of the best, if not the best, of its color. Height 28 inches. **\$1.50 for 10; \$14.00 per 100**

JEANNE DESOR. A beautiful new Hybrid Tulip, the result of a cross between a Darwin and a Cottage Tulip. It is a rather striking color-combination—a deep orange-yellow with a broad border of scarlet toward the edge of the petals. The long, well-formed flower is of splendid substance, and borne on strong, stiff stem. Height 28 inches. **80 cts. for 10; \$7.00 per 100**

JOHN RUSKIN. Salmon-rose, edged soft lemon-yellow, inside deep rosy lilac—beautiful combination of colors; large flower of fine shape on a graceful stem. Height 16 inches. **60 cts. for 10; \$5.00 per 100**

LEMON QUEEN. An excellent Tulip of fine form and substance. Quite the best of the less-expensive lemon-yellow varieties. Height 28 inches.

LYDIA SPERLING. A gem among the new pale yellow Hybrid Tulips. An even tone of soft canary-yellow slightly stippled peach-pink, and inside an even tone of pale canary-yellow. A flower of good size and attractive form, borne on a fine strong stem, and one of the most delicately tinted varieties we have ever seen. A seedling of the famous Mrs. F. E. Dixon, which we consider the finest pale yellow Tulip in existence. Height 28 inches. **\$2.10 for 10; \$20.00 per 100**

MAGNOLIA. One of the most unusually colored Tulips in our list. Creamy white, heavily marked, suffused, and shaded red. Base dark blue, bordered white. Height 26 inches. **95 cts. for 10; \$8.50 per 100**

MARION VOORHEES. One of the new clear buttercup-yellows which will become popular when stocks become more plentiful. Very graceful flower, of good size, on a fine strong stem. Height 28 inches. **95 cts. for 10; \$8.50 per 100**

MARJORIE BOWEN. A very unusual shade—a combination of buff and salmon which passes to deep rose-pink with salmon shading. The large, well-formed flower is borne on a fine strong stem. Height 24 inches. **85 cts. for 10; \$7.50 per 100**

MARSHALL HAIG. Among the new Tulips this ranks supreme as being one of the finest brilliant self-red colors. A flower of magnificent size and texture and much admired on account of its brilliant tone. Height 30 inches. **\$1.30 for 10; \$12.00 per 100**

MONGOLIA. There have been a great many Seedling Tulips introduced recently, both in light and dark yellow shades, but we think that this is one of the finest and largest in the deep yellow class. Flowers egg-shaped, carried on tall, strong stem. Height 32 inches. **\$3.20 for 10; \$30.00 per 100**

MOONLIGHT. Bright canary-yellow, splendid, large flower, oval in shape, outer petals slightly reflexed at tips. An excellent yellow for combination with the Darwin varieties and has long been a favorite. Height 22 inches. **65 cts. for 10; \$5.50 per 100**

MRS. F. E. DIXON. We consider this one of the finest pure sulphur-yellow varieties. The flowers are very large and the petals of wax-like texture and of unusual substance. They remain in bloom a long time and, like varieties of this color, gradually fade to almost white as the flower ages. Height 28 inches. **\$1.60 for 10; \$15.00 per 100**

MRS. MOON (Fulgens lutea maxima). Deep golden yellow; large flowers of good substance, slightly reflexing, somewhat approaching the "lily-flowered" shape. One of the best good yellow varieties. Height 24 inches. **65 cts. for 10; \$5.50 per 100**

NECTARINE. A very lovely variety, particularly when planted in a shady location. Beautiful shade of primrose-yellow, flushed apricot near the edges of the petals. Height 26 inches. **\$1.10 for 10; \$10.00 per 100**

SEE PAGE 18 FOR OTHER COTTAGE AND HYBRID TULIPS

Botanical Tulips and Species

American gardeners are just beginning to appreciate the resources of the wild Tulips or species. A wide range of brilliant color is represented in their various forms, and they are very permanent plants when once established. Being natives of southern Europe and western Asia, they are accustomed to hot, dry locations, particularly after blooming-time, and should be given sheltered locations

exposed to the sun, with the freest possible drainage. Do not fertilize the soil; do not protect them; plant them very deep and let them alone ever after. These Tulips are at home on steep, gravelly slopes or well-drained, sunny places in large rock-gardens; but most of them are too large and too gorgeous for the tiny "rockery." They bloom early and continue for many days. Plant them in clumps, not in serried ranks. We offer only the varieties which do well in this country.

ACUMINATA (Cornuta; Stenopetala). This variety has very narrow petals, ending in a threadlike point at the top. The color is yellow, streaked red, very showy and attractive. Height 18 inches.

\$1.00 for 10; \$9.00 per 100

AUSTRALIS. An April-flowering type, with sweetly scented flowers; yellow tinged with reddish bronze on the outside of the petals. An unusual species. Height 16 inches. 75 cts. for 10; \$6.50 per 100

CLUSIANA. The "Little Lady" Tulip. A lovely little variety which originated in Asia Minor. Grows about 8 inches high; flowers as large as a crocus. Outer petals cherry-red, inner petals white with violet base. Should be planted 8 to 9 inches deep in light soils in a sheltered place. Excellent bulb for the rock-garden.

65 cts. for 10; \$5.50 per 100

DASYSTE MON. A dwarf variety very suitable for rock-gardens. Flowering in early April, they are very charming. The flowers, yellow in color, marked white, are produced freely, several blooms to each plant. Height 6 inches. \$1.30 for 10; \$12.00 per 100

EICHLERI. This splendid Tulip from Turkestan produces large crimson-scarlet flowers with a glistening black center marked with gold. Height 12 inches. 60 cts. for 10; \$5.00 per 100

FLORENTINA ODORATA (Sylvestris). Fragrant, rich yellow flowers, frequently two to a stem, with bronze interior, carried on slender stems. An interesting species. Height 18 inches.

60 cts. for 10; \$5.00 per 100

FOSTERIANA. A large variety from Bokhara, bearing flowers of a glowing scarlet with center either yellow or maroon and yellow, with the petals long and pointed. Blooms outdoors in early April. Height 9 inches.

\$2.00 for 10; \$18.00 per 100

FOSTERIANA, RED EMPEROR. A much improved Fosteriana. The largest and most brilliant Tulip listed in our Catalogue. An immense flower of a glossy orange-scarlet, carried on a fine strong stem. Blooms indoors in February, outdoors in April. Height 18 inches.

25 cts. each; \$2.25 for 10; \$20.00 per 100

KAUFMANNIANA. One of the earliest of all the Tulips to come in flower. Creamy white, tinged rosy red, the markings varying. The flowers are very attractive, large in size, with petals reflexing. Sometimes called the "Water-Lily Tulip" from the resemblance of the partially opened flowers to those of the Nymphaeas. A splendid Tulip in every way for outdoor planting or indoor growing. Blooms outdoors in early April. 90 cts. for 10; \$8.00 per 100

LINIFOLIA. Charming for the rock-garden. Narrow, undulated leaves and small, brilliant scarlet-vermilion flowers with black bases. Height 8 inches.

\$4.50 for 10; \$40.00 per 100

MARJOLETTI. Pale yellow, mottled toward the outer petals with scarlet. A lovely species, which blooms outdoors during late April. Height 14 inches.

60 cts. for 10; \$5.00 per 100

PERSICA (Breyaniana). Yellow, outside bronze. Dwarf and late. Two or three flowers on one stem. Height 8 inches.

\$3.50 for 10; \$30.00 per 100

PRÆSTANS. Orange-red flowers early in April. When fully open, they are a pretty scarlet and measure 6 inches across. The stems and leaves are covered with soft white hairs. Produces as many as six, and even eight, flowers to a stem. Height 14 inches.

90 cts. for 10; \$8.00 per 100

SPRENGERI. Flowering in late May, this variety is the latest Tulip to bloom. It is a native of Armenia and the flowers are fiery orange-scarlet, shaded buff and orange, with golden anthers. Height 18 inches.

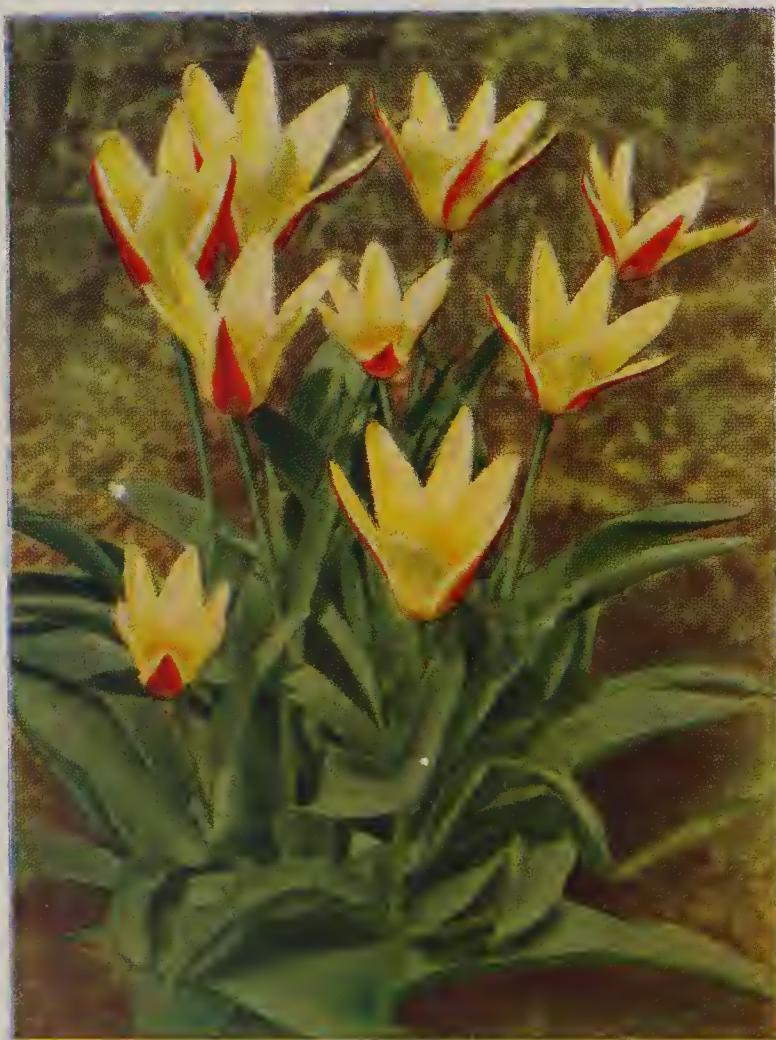
\$8.00 for 10; \$75.00 per 100

VIRIDIFLORA PRAECOX. Known as the Green Tulip. The flowers are pale green, edged creamy yellow; narrow-petaled flowers that open quite wide. This variety is a very much larger and improved form of the old Viridiflora. Height 20 inches.

\$2.50 for 10; \$22.00 per 100



CLUSIANA



KAUFMANNIANA



Border Collection of May-flowering Tulips

**BREEDER
COTTAGE
DARWIN
VARIETIES**

The use of Tulips in formal gardens is becoming more and more noticeable in recent years. In the garden featured Tulips have been used for many years for the effective display in May. As the picture shows, the varieties are grouped in irregular fashion, and the use of pansies in front of the Tulips adds considerably to the effectiveness of the planting during Maytime. Both Tulips and pansies are removed in June and replaced with summer-blooming annuals or bedding plants.

Striking effects can be obtained by the planting in clumps of 10, 25, or 50 each, as best suits the area and the taste of the gardener. Much is heard of proper color schemes, but we believe each individual should select the order and contrasting of colors which suits his or her particular garden. The color scheme illustrated can be obtained by planting the following varieties: Pride of Haarlem, Clara Butt, Jaune d'Œuf, William Pitt, Mrs. Moon, Farncombe Sanders, La Tulipe Noire, Rosabella, Bleu Aimable, Bronze Queen.

Special Collection Offer: 100 bulbs, 10 each 10 named varieties (Value \$6.15) \$5.50
250 bulbs, 25 each 10 named varieties (Value \$13.00) \$11.00

COTTAGE AND HYBRID TULIPS, MAY-FLOWERING, continued from page 15

ORANGE KING. Beautiful deep orange, shaded rose, inside deep orange-scarlet; yellow center. Very sweetly scented. Height 23 inches. 60 cts. for 10; \$5.00 per 100

PICOTEE (Maiden's Blush). White, margined deep rose, the color suffusing the whole flower as it ages; medium-sized flower, reflexing. Grand for the border. A large bed planted to this variety is a sight that will not easily be forgotten. Height 20 inches. 60 cts. for 10; \$5.00 per 100

QUEEN OF SPAIN. The Tulip fancier in search of new and lovely shades of Tulips will find Queen of Spain a gem in every way. The general color of the flower is a delightful cream with a subtle flushing of peach-pink. Very lovely and distinct. Fine, large, cup-shaped flower. Height 28 inches. \$2.60 for 10; \$25.00 per 100

REFULGENCE. Outstanding in color, huge in size, and in all respects most highly recommended. This is one of the largest flowering Tulips among the new orange-scarlet hybrid varieties. Height 25 inches. \$1.30 for 10; \$12.00 per 100

ROSABELLA. This beautiful variety—one of the finest introductions in Cottage Tulips of recent years—is, perhaps, best described as a beautiful shade of salmon-rose. One of the finest of the new Hybrid Tulips which can now be purchased at a much lower price. When planted in the hardy border, especially when the lovely early-blooming *Anchusa myosotidiflora* is used as a ground-cover, the lovely color of this variety creates a very charming effect. Height 24 inches. 65 cts. for 10; \$5.50 per 100

SIRENE. This beautiful lily-flowering Tulip is a lovely variety not only on account of its color, but because of the exquisite urn-like shape of the flower. A rich cerise-pink, white base. Height 26 inches.

60 cts. for 10; \$5.00 per 100

SUPERB MIXTURE. A select assortment, covering almost every conceivable color and shade. Those who have not grown these Tulips, and desire a mixture for trial purposes, can depend on getting every color that obtains in this beautiful class of Tulips.

50 cts. for 10; \$4.50 per 100; \$42.00 per 1000

VESTA. This new hybrid is one of the finest white varieties in this class. It opens creamy white, but quickly changes to pure white. 60 cts. for 10; \$5.00 per 100

WHITE DUCHESS. Another gem among the hybrids. Like Alaska, Fascinating, and Sirene, this Tulip is popularly termed Lily-flowering. In White Duchess we have a pure snow-white variety of unusual size, borne on a fine strong stem. Height 28 inches. \$1.30 for 10; \$12.00 per 100

YELLOW EMPEROR. A brilliant butter-yellow, rather long flower, considered by many one of the best yellow Tulips for garden planting or exhibition in this shade. The flower is substantial, well formed, and large. Height 32 inches.

\$1.10 for 10; \$10.00 per 100

Single Early Tulips

FOR APRIL BLOOMING OUT-DOORS, POTS, AND FORCING

Few, if any, of the spring-blooming flowers rival the Single Early Tulips for brilliancy of bloom or ease of culture. They are excellent subjects for formal beds on the lawn or for garden borders. While they do not possess the same size of bloom and length of stem as the May-flowering Darwin, Breeder and Cottage varieties, they are frequently used where early blooms are desired. Many of the varieties may be forced in bloom in January, while all of them may be easily had in flower in pots late in February or early March.

BRILLIANT STAR. A 12. Bright vermillion-scarlet, same color as Vermilion Brilliant, but larger and of great substance. Splendid early forcer, flowering easily for Christmas. 70 cts. for 10; \$6.00 per 100

COULEUR CARDINAL. C 12. Bright crimson-scarlet, with a deeper tone of bloom on the outer petals. A bed planted wholly to this variety is a grand sight. Fine for midseason forcing.

60 cts. for 10; \$5.00 per 100

DE WET. B 16. Golden yellow, flushed deep orange; large, sweet-scented flower of erect habit. Quite different in color from any other variety. A glorious flame-color Tulip for any position in the garden and an equally beautiful variety when grown indoors. 75 cts. for 10; \$6.50 per 100

DIADEM. A 16. A very beautiful new variety when forced early, being an even tone of pearly pink. Excellent for pots or cutting. 70 cts. for 10; \$6.00 per 100

FLAMINGO. B 12. Carmine-rose, shaded lighter. The petals are striped white and very crinkled, giving the flower a decidedly artistic appearance. A very popular variety among florists for forcing on account of its odd color and habit.

60 cts. for 10; \$5.00 per 100

FORTUNA. A 14. Perhaps best described as a satiny lilac-rose—a very beautiful color without the slightest trace of magenta. Splendid for early forcing.

60 cts. for 10; \$5.00 per 100

FRED MOORE. B 12. An improved form of Thomas Moore. Deep, ruddy apricot, shading at the edges of the petals to dull orange-yellow; center marked olive-green; medium-sized flower; sweet-scented. A lovely color when forced.

60 cts. for 10; \$5.00 per 100

IBIS. B 14. A darker form of Flamingo—brilliant dark pink when grown indoors. Grand exhibition variety.

60 cts. for 10; \$5.00 per 100

KEIZERKROON. A 15. Bright crimson-scarlet, edged clear, rich yellow; excellent, large flower on long stem. Fine bedder; splendid for forcing.

75 cts. for 10; \$6.50 per 100

KING OF THE YELLOWS. A 14. Deep golden yellow, egg-shaped, very substantial flowers carried on tall stems, which makes them excellent for cutting. One of the earliest yellows which should be much more used for early forcing.

60 cts. for 10; \$5.00 per 100

LADY BOREEL (Joost Van Vondel White). B 13. Large, long, snowy white flower of splendid shape. The finest white for bedding, and superb for pots or pans.

70 cts. for 10; \$6.00 per 100

MON TRESOR. A 12. Large golden yellow flowers of a pure color. Its best purpose is for growing in pots or pans.

60 cts. for 10; \$5.00 per 100

MOONBEAM. B 14. Deep primrose-yellow, shading to soft canary at the edges; very large flower of graceful form.

80 cts. for 10; \$7.00 per 100

MORNING GLORY. A 14. Large; coppery orange. Excellent for forcing and early outdoor flowering. 80c. for 10; \$7.00 per 100

PRESIDENT LINCOLN. B 12. Large flower of clear magenta-violet, slightly paler in tone when grown indoors. A variety that looks well when bedded out with a pale yellow variety.

70 cts. for 10; \$6.00 per 100

PINK BEAUTY. C 12. Bright cherry-rose, center of petals striped white. It has no equal as a bedder, for the stem is strong and the white center of the big, fleshy petals shows up very conspicuously against the broad, vivid rose edges.

80 cts. for 10; \$7.00 per 100

PRINCE OF AUSTRIA. B 14. Brilliant orange-scarlet, with a clear yellow base. The flower is large and of a very attractive shade when forced. A splendid bedding variety as well. 60 cts. for 10; \$5.00 per 100

PROSERPINE. A 14. Rosy carmine, with a white center marked slate-blue; very large globular flower. One of the easiest and earliest forcing Tulips; very sweetly scented.

70 cts. for 10; \$6.00 per 100

RISING SUN. B 15. A variety used for exhibition on account of its pure yellow color and wonderful size and substance. The finest golden yellow Early Tulip introduced to date. 60 cts. for 10; \$5.00 per 100

SARAH BERNHARDT (Le Reve; Hobema). Not a new Tulip, but one that always gladdens the heart of the gardener who enjoys planting irregular clumps of late April-blooming Tulips in the herbaceous border. This grand Tulip blooms after the Early Tulips and about 10 days before the Darwins. The color is a glorious shade of pink, quite unlike any other Tulip, and very pleasing in its even tone and yet most interesting on account of its unique color.

60 cts. for 10; \$5.00 per 100

VAN DER NEER. B 12. Dark purple flower of a most brilliant tone and splendid shape.

60 cts. for 10; \$5.00 per 100

VERMILION BRILLIANT. A 12. Bright, glistening scarlet, with a yellow base; large flower of perfect shape. For early forcing.

60 cts. for 10; \$5.00 per 100

WHITE HAWK. A 12. A pure white variety, excellent for forcing or for bedding, lasting in good condition for a long time.

70 cts. for 10; \$6.00 per 100

S. & W. Co.'s Special Mixture

A mixture consisting of best distinct colors for the cutting garden.

50 cts. for 10; \$4.50 per 100;
\$42.00 per 1000

Double Early Tulips

FLOWER JUST AFTER EARLY TULIPS, IN LATE APRIL

Double Tulips are chiefly grown for their showy effects in masses, and are very lasting. Where a display of color is desired they are very satisfactory. Excellent for growing in pots or pans, but should not be forced into bloom very early.

NOTE.—The letters A, B, and C following the varieties indicate their relative earliness of bloom, but, with few exceptions, most of the

COURONNE D'OR (Crown of Gold).

B 10. Large, bold flower of rich golden yellow, shaded copper. Excellent for bedding and winter forcing.

60 cts. for 10; \$5.00 per 100

EL TOREADOR.

B 12. Bright orange-scarlet, with broad margin of buff-yellow. Excellent for pots or bedding.

70 cts. for 10; \$6.00 per 100

ELECTRA.

B 13. Beautiful deep rose flowers of enormous size, feathered violet. Excellent for exhibition. Height 12 inches.

60 cts. for 10; \$5.00 per 100

IMPERATOR RUBRORUM.

B 10. Excellent scarlet for bedding and forcing. An excellent variety for the herbaceous border where a strong scarlet tone is desired. Considered the best of the double scarlets.

75 cts. for 10; \$6.50 per 100

MARECHAL NIEL.

B 11. Soft orange-yellow Tulip of great beauty and substance. The finest in its color for forcing and bedding.

70 cts. for 10; \$6.00 per 100

MR. VAN TUBERGEN.

B 16. Beautiful golden yellow. Another good sport of that excellent variety, Couronne d'Or. One of the finest, if not the finest of the rich deep yellows.

60 cts. for 10; \$5.00 per 100

MURILLO.

C 12. Delicate rose-pink, flushed white. Fine for bedding and excellent for forcing.

60 cts. for 10; \$5.00 per 100

ORANGE NASSAU.

B 12. A rather unusual color in Double Tulips—orange-red. A sport from that popular variety, Murillo. Very effective for planting in beds or borders.

75 cts. for 10; \$6.50 per 100

PEACH BLOSSOM.

C 12. Bright rose-pink, flushed white, deepening with age to carmine-rose; large. Excellent for pots.

60 cts. for 10; \$5.00 per 100

SCHOONOORD.

B 12. A beautiful, pure white sport of Murillo, with the same excellent forcing qualities. One of the best double white varieties, if not the best.

70 cts. for 10; \$6.00 per 100

TRIUMPHATOR.

B 12. A lovely rose-pink, one of the finest for bedding and very beautiful when grown under glass.

60 cts. for 10; \$5.00 per 100

VAN DER HOEF.

C 12. A beautiful pure yellow sport of the variety Murillo. A fine variety for forcing.

60 cts. for 10; \$5.00 per 100

VIJURBAAK.

B 12. Brilliant scarlet, when fully open the flower gets an orange hue. One of the best orange-scarlets for bedding and excellent for growing indoors as well.

75 cts. for 10; \$6.50 per 100

S. & W. CO.'S SPECIAL MIXTURE.

A mixture consisting of 15 named varieties, blended so as to give an assortment of all possible colors and shades, all of vigorous habit and large size, uniform height and time of blooming.

50 cts. for 10; \$4.50 per 100;
\$42.00 per 1000

varieties bloom outdoors about the same time when planted in masses. The figures indicate the height in inches.

The following list contains the best novelties extant, as well as a complete list of the best standard varieties. We have discarded quite a number of varieties which no longer grow well.

Double Late Tulips (Peony Flowered)

Among the recent advances made by Tulip hybridizers in Holland, the Double Late Tulip may be counted as a distinct achievement from the standpoint of the wonderful peony-like flowers, strong stems, and well-filled blooms. For mass effect in the herbaceous border there are few Tulips that will give such a wonderful display. They bloom during May at the same time as the Darwin, Breeder, and Cottage Tulips.

ATTRACTION. The showy and attractive peony-like flowers are an orange color, edged bright yellow. Height 26 inches.

\$1.10 for 10; \$10.00 per 100

BLEU CELESTE. Large, soft violet-purple flowers of a very pleasing color. A fine Tulip for cutting and excellent for planting in the herbaceous border. Height 14 inches.

70 cts. for 10; \$6.00 per 100

EPICURE. One of the finest new Double Late Tulips. Its color strikes a new note in Tulip shades and it is best described as an even tone of rich apricot-salmon that looks attractive in the bright sunshine and is very pleasing under artificial light. Height 20 inches.

85 cts. for 10; \$7.50 per 100

PENSEE ROSE. Another Tulip of unique color, which is perhaps best described as a deep rose-lavender. The large, well-formed flowers are borne on stems 24 inches tall.

\$1.00 for 10; \$9.00 per 100

MOUNT TACOMA. In form this Tulip is somewhat on the order of a semi-double pure white peony, the petals being slightly laciniated. Another real gem for the herbaceous border on account of its well-formed flower and large size. Height 26 inches.

\$2.50 for 10; \$24.00 per 100

UNCLE TOM. Large, peony-like flowers of a uniform deep glossy red. A Tulip that makes a grand display in the border. Height 24 inches.

\$1.60 for 10; \$15.00 per 100

Parrot Tulips

These peculiarly formed and brilliantly colored Tulips are ideal for home decoration.

BLUE PARROT. We consider this the best of the Blue Parrot Tulips. Bright violet shaded steel-blue. The flower is large and is carried erect on a fine strong stem. Height 30 inches. \$1.50 each; \$14.00 for 10

FANTASY. A sport of the Darwin Tulip, Clara Butt; exactly the same beautiful true pink, except that the inside color is even more intense—a delightful warm pink, thrilling to the eye of the Tulip-lover. The petals of this quaint flower are laciniated and the outside, or back, is artistically marbled with apple-green. Fantasy grows the same height as Clara Butt and blooms at the same time outdoors. Height 27 inches.

60 cts. for 10; \$5.00 per 100

CAPRICIO. A break from the variety Fantasy. Salmon-pink, feathered and flamed white—a very unique and fascinating color. Height 26 inches.

\$1.60 for 10; \$15.00 per 100

GEMMA. A gem for cut-flowers. White flushed apple-blossom pink. Height 18 inches.

90 cts. for 10; \$8.00 per 100

LADY DERBY. Very similar to Fantasy but lilac in color. The petals are slightly lighter towards the edges. Height 26 inches.

\$1.00 for 10; \$9.00 per 100

S. & W. CO.'S MIXED PARROT TULIPS. A mixture of the original shorter-stemmed Parrot Tulips in all the interesting colors.

70 cts. for 10; \$6.00 per 100



Double Tulips

BYBLOEM AND BIZARRE TULIPS

Bybloem and Bizarre Tulips are of the Breeder type, but queerly striped and feathered, many of the varieties being most unique and attractive. These are the Tulips of the famous "Tulip Craze" of 1635. Height 18 to 23 inches.

Rose Bybloems, Mixed Bizarres, Mixed Violet Bybloems, Mixed

70 cts. for 10; \$6.00 per 100

REMBRANDT TULIPS

Each year many of the best varieties of Darwin Tulips show a tendency to "break" or become variegated. On account of their odd colorings and variegations, these broken or Rembrandt Tulips are sometimes preferred and possess splendid decorative value. They average 18 to 22 inches in height.

REMBRANDT TULIPS, MIXED.

70 cts. for 10; \$6.00 per 100



Pure white. August-blooming
For description, see page 26

Four

Lilium speciosum magnificum
Pink. August-blooming
For description, see page 26

LOVELY HARDY GARDEN LILIES

SPECIAL COLLECTION OFFER:

20 bulbs, 5 each of 4 varieties (^{value} \$4.60) \$4.00 • 40 bulbs, 10 each of 4 varieties (^{value} \$9.20) \$7.50



Lilium umbellatum grandiflorum erectum
Vivid orange-scarlet. June-blooming
For description, see page 26



Lilium philippinense formosanum
Trumpet shape. White. September-blooming
For description, see page 26

Three Fine Hardy Lilies

for June and July Blooming



Sunset Lily

(*Lilium pardalinum giganteum*)

The giant Panther is not only the most spectacular of American Lilies but stands well up in the front rank of the world's finest Lilies.

Brilliant orange-red on the reflexed portion of the segments, the faces of the magnificent "turk's caps" are rich yellow closely dotted with brown spots. The flowers are borne in clusters up to ten on strong 5 to 8-foot canes which are clothed with whorls of pleasing foliage. It is one of the easier Lilies to grow, succeeding in full sun or partial shade. Blooms in July and should be planted about 8 inches deep.

35 cts. each; \$3.00 for 10;
\$25.00 per 100

Madonna Lily (*Lilium candidum*)

One of the oldest inhabitants of gardens and still the loveliest of all white Lilies, with a purity unmatched by any other flower and an exquisite grace which gives it dignity and charm, both in the garden and when cut. Madonna Lilies growing with delphiniums is a classic garden picture, but they are equally beautiful combined with dark velvety red sweet williams or crimson roses. Plant the bulbs as early as you can get them in the autumn, covering the crowns with about 2 inches of soil; do not disturb thereafter unless absolutely necessary.

First size 20 cts. each; \$1.80 for 10; \$15.00 per 100
Mammoth size 30 cts. each; \$2.80 for 10; \$25.00 per 100
Jumbo size 40 cts. each; \$3.80 for 10; \$35.00 per 100



Royal Lily

(*Lilium regale*)

A gorgeous new Lily from the wilds of Tibet and western China, with enormous alabaster trumpets tinged with rose outside and suffused with gold within. This is becoming the most popular of all white Lilies, and the easiest to grow. Plant the bulbs about 6 inches deep and leave them alone forever after.

6 to 7 in. circum., 15 cts. each;
\$1.40 for 10; \$12.00 per 100.
7 to 8 in. circum., 25 cts. each;
\$2.25 for 10; \$18.00 per 100.
8 to 9 in. circum., 30 cts. each;
\$2.80 for 10; \$25.00 per 100.
9 to 10 in. circum., 40 cts. each;
\$3.80 for 10; \$35.00 per 100.

Exhibition Hyacinths

Every year our growers prepare to select the finest grade of Hyacinths for us for exhibition. These bulbs are of maximum size, and fully aged for this purpose. The varieties listed below are grown especially for us, and intending exhibitors at the International Flower Show next spring will be interested in our selection of varieties which we believe, when grown for exhibition, should capture first premiums. The Hyacinth enthusiast who is interested in novelty varieties will also find this list valuable.

We offer only the best sorts. There are several hundred varieties grown abroad but we do not consider that there are over thirty of them worth growing. Bulbs such

as we supply should be planted singly in a 5-inch pot, or four bulbs to an 8-inch bulb-pan. As there is a slight variation in the time of flowering between the different varieties, we have, therefore, indicated the relative time of blooming, 1 being early, 4 the latest.

BLEU AIMABLE. 2. Large bells of pale light blue. A fine exhibition variety. 30 cts. each; \$2.75 for 10; \$25.00 per 100

CITY OF HAARLEM. 2. Fine yellow variety, with strong stem and a good head of bloom. Soft Naples yellow, shaded deeper.

DR. LIEBER. 2. Suitable alike for forcing and outdoor planting. The large, nicely filled spikes are composed of numerous bells of pale lavender-blue, shaded dark violet.

DR. STREEMAN. 2. A very fine exhibition variety. The large bells are a deep blue and are carried on fine trusses. 30 cts. each; \$2.75 for 10; \$25.00 per 100

DUKE OF WESTMINSTER. 2. An unusual color—clear dark blue bells with white centers. While a dark shade of blue it is most outstanding because of its bright, attractive tone.

ENCHANTRESS. 2. Full, long truss with large bells of pale porcelain, tinted lilac, brighter center. Splendid for exhibition.

G. VAN DER MEY. Shapely spikes of beautiful light coral-red bells. Early, and the finest red Hyacinth. 30 cts. each; \$2.75 for 10; \$25.00 per 100

GRAND MAITRE. 2. The most widely used in its color. Dark lavender-blue, with bells of good size, and large, well-filled spikes, held on strong stems.

IMPERATOR. 2. A beautiful deep shade of rose, darker in the center of the bells. Large fine spike. 30 cts. each; \$2.75 for 10; \$25.00 per 100

IVANHOE. Compact, slender spikes of deep violet, tinged with indigo—the loveliest of all the dark varieties. From a distance it appears black.

KING OF THE BLUES. 4. A fine variety both for outdoor planting and indoor forcing. In color, an attractive bright dark blue, with large spikes and fine bells.

L'INNOCENCE. 1. A white variety extensively grown. The bells are pure white and of good substance; trusses are well filled and held on strong stems.

LA GRANDESSE. 3. Perfectly formed spikes of pure white. The florets are of waxy substance and most gracefully placed on long stems.

LA VICTOIRE. 1. A brilliant, almost vividly colored Hyacinth of attractive luminous carmine-rose. The bells are of medium size but are numerous and form a nicely filled spike. One of the finest for bedding or pots.

MARCONI. 2. Compares in all-round quality with Lady Derby, but rather darker shade—bright, deep rose, suffused white. Good stems and trusses.

ORANGEBOVEN. 3. A rather dainty variety of remarkable color—pale salmon-pink, tinged with ruddy apricot. Truss of medium size.

LADY DERBY. 1. Considered the finest rose-pink Hyacinth. Its sturdy stems hold erect, large, full heads of clear rose-pink. Excellent for forcing and unsurpassed as a bedding variety.

PRINCESS MARGARET. 1. This new variety is one of the most pleasing of the soft pink tones. Very large, well-formed bells carried on a fine strong stem. 25 cts. each; \$2.25 for 10; \$20.00 per 100

QUEEN OF THE PINKS. 3. Clear, bright rose-pink, with nicely formed trusses, well filled with medium-sized bells.

QUEEN OF THE WHITES. 2. The handsome pure white bells are thickly set on the truss. Excellent for exhibition.

YELLOW HAMMER. 1. A fine yellow variety for pot-culture. Creamy yellow, with a well-filled truss of large bells.

Price of above varieties unless otherwise noted. We place large contracts for the above varieties and thus secure the pick of the crop. This enables us to offer at a uniform price of 20 cts. each; \$1.90 for 10; \$17.00 per 100.

French Roman Hyacinths

French Roman Hyacinths are among the earliest bulbs to be had in flower. The bulbs arrive from France late in August, and they may be had in flower from November all through the winter months, if potted up in September and at intervals of every two weeks. They are much prized for pots or cutting on account of their graceful appearance and delicate fragrance.

WHITE. Mammoth bulbs, 13 to 14 cms. \$1.30 for 10; \$12.00 per 100
Jumbo bulbs, 14 to 15 cms. \$1.60 for 10; \$15.00 per 100

SINGLE ROSE. First-size bulbs. 90 cts. for 10; \$8.00 per 100

VIRGINIA. Fine new light blue. Mammoth bulbs. \$3.00 for 10; \$26.00 per 100

Matchless Bedding Hyacinths

Illustrated in Color on Back Page

SPECIAL NAMED VARIETIES IN DISTINCT SHADES OF COLOR, TO FLOWER AT THE SAME TIME

Bulbs measure 6 to 7 inches in circumference

The Hyacinth chosen to represent each of the following shades of color is a variety which we have found from trials will be best in the three essential requirements: Best in its color; stoutest stem; largest truss of bells; so our patrons will know that we have avoided using varieties that are of weak stem and that do not support the blooms.

CULTURE. These Hyacinths should be planted from 6 to 10 inches apart, and covered with at least 4 inches of soil from the top of the bulb. For beds or borders close to the conservatory or dwelling, 6 inches will make a fine display; but where the beds are planted to be viewed from a distance, they may be planted 10 inches apart. Hyacinths planted alternately with narcissi produce a most graceful effect, and for this combination 6 inches from bulb to bulb is also a very suitable distance.

Hyacinths, as well as narcissi, should be planted by November 1 in this latitude, as they are the better for early planting. Tulips may be planted up to December 1, weather permitting.

PURE WHITE
RICH YELLOW
LIGHT PINK
LIGHT BLUE

\$1.00 for 10; \$9.00 per 100

DARK BLUE
DARK PINK
BRIGHT SCARLET

Hardy Lilies

There is a great deal of confusion and misunderstanding among otherwise competent gardeners concerning Lilies. Since they are becoming more popular every year, and great numbers of them are being planted, perhaps it is well to make plain that there are two broad classes of Lilies with respect to their roots.

One class forms roots at the base of the bulb only; these should be planted relatively shallow, not more than twice the depth of the bulb itself. The other class forms roots both at the base of the bulb and from the stem above it; these should be planted three to four times the depth of the bulb, or, in most cases, 6 to 10 inches deep.

All Lilies like perfect drainage. Most of them prefer the light shade over their new shoots that is afforded by mulch and low-growing plants or shrubs, above which they can rise and display their blossoms to the sun. A few of them prefer a very moist situation, but it must be so arranged that all dampness drains immediately away from the bulb. This can be managed by planting them upon a small heap of stones. *All Bulbs do better if a handful of sharp builders' sand is placed immediately beneath the bulb to help provide better drainage.*

No Lily succeeds in manured ground. They vary in their preference for lime. Some are poisoned by it, others thrive in it, some are indif-

ferent. We shall endeavor to state all these facts concerning each variety in the descriptions which follow.

The approximate order in which the Lilies described here bloom is as follows. This order has been determined by watching them for several seasons. It may vary according to whether the Lilies have a northern or a southern exposure, much or little shade, and according to the vagaries of the different seasons. In average years they bloom in about this succession.

June: *Tenuifolium, Hansoni, Davuricum, Elegans, Martagon, Chalcedonicum, Umbellatum, and Umbellatum, Golden Fleece.*

June-July: *Candidum, Humboldti magnificum, Croceum, Testaceum, Regale, Pardalinum, Pardalinum giganteum, and Washingtonianum.*

July: *Superbum, Canadense, Grayi, Carolinianum, Batemanniae, Kramerii, Philadelphicum, Philippinense formosanum, Rubellum.*

July-August: *Auratum, Auratum platyphyllum, Auratum pictum, Henryi.*

August and Later: *Speciosum, Sulphureum, Tigrinum.*

AURATUM. Golden-banded Lily of Japan. This is the largest and, many think, the most gorgeous of all. The flowers are enormous (often 8 to 10 inches across), bell-shaped, with slightly flaring and waved petals, each thickly dotted with bristly maroon spots and marked by a showy bright yellow band down the center. They are intensely fragrant and come in tremendous clusters at the top of a strong, leafy stem. Excellent specimens may reach a height of 6 or more feet, with more than a dozen perfect blooms open at one time. They bloom in July and August, are stem-rooting, and should be planted quite deep. The ground should be covered with some low-growing plant, but the flowers must be able to rise above the undergrowth into full sunshine. These Lilies are most stately and magnificent, and in the evening, particularly on moonlight nights, array themselves in an almost unearthly beauty. At night the whole garden is pervaded with their delicious perfume.

Bulbs, 8 to 9 in. circum. 25 cts. each; \$2.25 for 10; \$20.00 per 100
Bulbs, 11 to 13 in. circum. 45 cts. each; \$4.00 for 10; \$35.00 per 100

AURATUM PLATYPHYLLUM. The tallest and largest of the Auratums, with broader, darker leaves and larger flowers similar to Auratum, but it lacks the red spots, leaving a pure white bloom with a yellow band. Plant deep.

Bulbs, 8 to 9 in. circum. 40 cts. each; \$3.50 for 10; \$30.00 per 100
Bulbs, 11 to 13 in. circum. 55 cts. each; \$5.00 for 10; \$45.00 per 100

BATEMANNIAE. Batemann Lily. Like *L. elegans* in habit, with erect, chalice-shaped flowers of rich apricot color produced in July. It grows 3 to 4 feet high, with the flowers held upright on the top, and seems to enjoy ordinary garden soil in full sunlight, with a ground-cover. While it is stem-rooting, it need not be planted so deep as most.

35 cts. each; \$3.00 for 10; \$25.00 per 100

CANDIDUM. Madonna Lily. One of the oldest plants cultivated in gardens. It is sculptured on some of the most ancient vases dug up in Crete, where a civilization antedating that of the most ancient Egyptians flourished 5000 years ago or more. It is a symbol of purity and all things lovely. The plants make healthy evergreen rosettes of leaves in the autumn, from which stout stems, clothed with short leaves, arise in spring, bearing spire-like clusters of pure white, starry Lilies beautifully illuminated by brilliant yellow anthers. They, too, are deliciously sweet, but are not so overpoweringly fragrant as some others, and may be cut and brought into the house with comfort. It blooms in June, immediately before the Royal Lily, at the same time as *Delphinium Belladonna*, with which it is frequently combined. As it is base-rooting only, it should be planted shallow. It likes good, well-limed garden soil and a sunny exposure. The best bulbs are those which we import from northern Europe. They should be planted as soon as received, preferably in October.

First-size Bulbs. 20 cts. each; \$1.80 for 10; \$15.00 per 100
Mammoth Bulbs. 30 cts. each; \$2.80 for 10; \$25.00 per 100
Jumbo Bulbs. 40 cts. each; \$3.80 for 10; \$35.00 per 100

CAROLINIANUM. The Southern Swamp Lily. This is a near relative of the Turk's-Cap Lily, *L. superbum*, but smaller and a little lighter in color. It grows 2 to 4 feet high, likes moist ground, but good drainage, and will endure almost total shade. The fragrant flowers are orange-crimson with a whitish throat and hang like bright red bells at the top of the stem. Likes acid soil and deep planting. Blooms in July.

30 cts. each; \$2.50 for 10; \$20.00 per 100

CANADENSE. The red Meadow Lily of fields and roadsides. In July, its tall stems, 3 to 8 feet high, bear great sprays of nodding, bell-like, bright orange-crimson flowers dotted with maroon. It is stem-rooting, likes moist, well-drained ground.

20 cts. each; \$1.80 for 10; \$15.00 per 100

CHALCEDONICUM. The Scarlet Turk's-Cap Lily. A slender, erect Lily, 2 to 4 feet high, bearing, in late June and July, three to six nodding, brilliant scarlet flowers with sharply reflexed petals faintly dotted purple and having scarlet anthers. Very showy and graceful. Likes dry, ordinary garden soil and full sunlight. Plant 5 inches deep and do not disturb it afterward.

\$1.75 each; \$16.00 for 10; \$150.00 per 100

CROCEUM. Beautiful, orange, upright, cup-shaped blooms, borne in large cluster on a strong, straight stem. Blooms June and July. Stem-rooting; plant 5 inches deep.

35 cts. each; \$3.00 for 10; \$25.00 per 100

DAVURICUM. See *Umbellatum*.

ELEGANS, ALICE WILSON. Erect, dwarf plant, 1 to 2 feet high, with upright flowers of bright lemon-yellow, very bright and showy in June. Plant shallow in light soil in full sun. Good for naturalizing or rock-gardens.

30 cts. each; \$2.50 for 10; \$20.00 per 100

ELEGANS ATROSANGUINEUM. Similar to Alice Wilson in habit and needs the same treatments, but the flowers are dark blood-red with purple dots.

30 cts. each; \$2.50 for 10; \$20.00 per 100

GRAYI. Gray's Lily. Modest, bell-shaped flowers of orange-brown outside and bright red-orange and yellow inside, thickly powdered with darker dots. Grows 2 to 4 feet high, likes moist, loamy soil and a sunny place, such as a stream-bank. Blooms in July. Plant 4 inches deep.

35 cts. each; \$3.00 for 10; \$25.00 per 100

HANSONI. Hanson's Lily. Delicately fragrant, nodding flowers of pale yellow-orange, with thick, waxy, recurved petals, in clusters above broad whorls of leaves on stems 2 to 4 feet high. Likes shade, moist soil and blooms very early in June. Plant moderately deep.

35 cts. each; \$3.00 for 10; \$25.00 per 100

HENRYI. Henry's Lily or the Yellow Speciosum. A very lovely flower of the Speciosum type. It grows 8 to 10 feet high or more in favorable places, and likes to root among low shrubs, sending its tall stems up into the sunlight where its bright apricot-yellow flowers may show at their best. Ordinary soil suits it, and moderately deep planting. Blooms in July and August.

Strong Bulbs. 35 cts. each; \$3.00 for 10; \$25.00 per 100

HUMBOLDTI MAGNIFICUM. A strong-stemmed Lily 4 to 6 feet high, with brilliant orange-yellow flowers, spotted purple. Differs from Humboldti in that the spots are ringed with crimson, the foliage is darker, and it is a much stronger grower. Blooms June and July. Base-rooting; plant 5 inches deep.

70 cts. each; \$6.50 for 10; \$60.00 per 100

KRAMERI (*L. japonicum*). A lovely, big, pink Lily of true trumpet form, carried beautifully on stem about 2 to 3 feet high, but not very strong. It likes good, rich, peaty soil, with plenty of moisture and good drainage. Blooms in late July. Plant deep.

35 cts. each; \$3.00 for 10; \$25.00 per 100

See page 26 for additional Lily varieties

FIVE FINE EXHIBITION • TULIPS •

WE have featured on this page five fine Exhibition Tulips. All these varieties are now obtainable at more attractive prices and are a choice collection for any fine garden display.



YELLOW GIANT

65 cts. for 10;
\$5.50 per 100

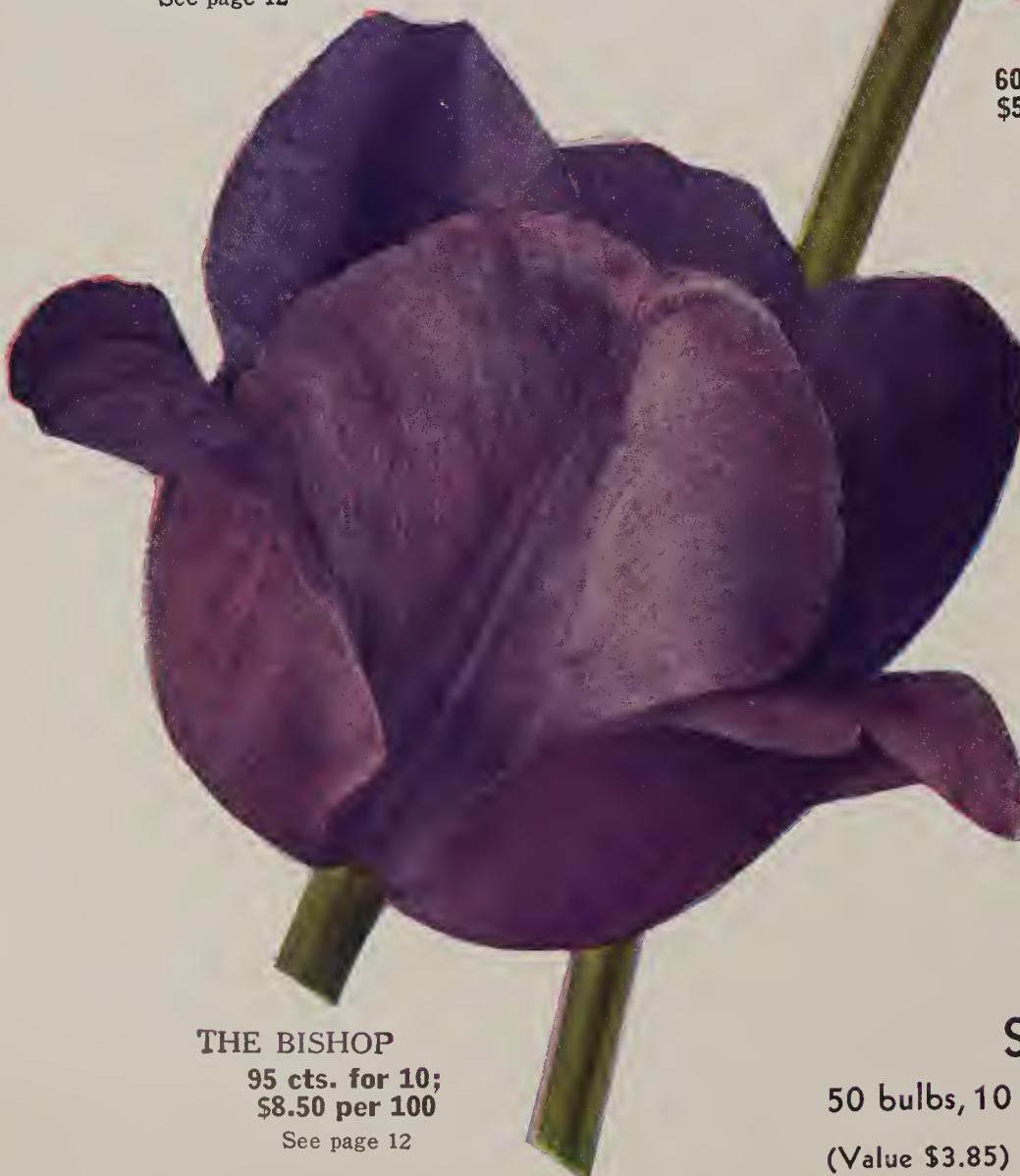
See page 12



DIDO

60 cts. for 10;
\$5.00 per 100

See page 15



THE BISHOP

95 cts. for 10;
\$8.50 per 100

See page 12



CITY OF
HAARLEM

85 cts. for 10;
\$7.50 per 100

See page 10

SPECIAL COLLECTION OFFER

50 bulbs, 10 each of 5 varieties

(Value \$3.85)

\$3.50

100 bulbs, 20 each of 5 varieties

(Value \$7.70)

\$6.50

Special

DARWIN TULIP BORDER COLLECTION

IN TONES OF LAVENDER · WHITE · LILAC · PINK and ROSE

THE TULIP fancier will find this collection of Exhibition Darwin Tulips suitable for planting in the order suggested, if he or she is desirous of obtaining a lovely color scheme. The garden illustrated below shows the possibility of accomplishing this by planting in blocks of 10 or 20 bulbs, or larger quantities if the area permits.

It is suggested that the planting begin (left to right, in color illustration below) with the

Pale Lavender

BENJAMIN FRANKLIN

See page 10

Pure Lilac

TILLY LUS

See page 12

Pure White

DUKE OF WELLINGTON

See page 10

Pale Pink

LA FRANCE

See page 11

Rose, VENUS See page 12

SPECIAL COLLECTION OFFER

50 bulbs, 10 each of 5 varieties

(Value \$3.85)

\$3.50

100 bulbs, 20 each of 5 varieties

(Value \$7.70)

\$6.50

KING GEORGE V
80 cts. for 10;
\$7.00 per 100
See page 11



HARDY LILIES, continued

MARTAGON. The Purple Lily. Small, turban-shaped flowers of dull purple, in great pyramidal sprays on a strong stem 2 to 5 feet high. Blooms in June. Likes cool, damp places with much shade. Plant shallow. 40 cts. each; \$3.50 for 10; \$30.00 per 100

PARDALINUM. The California Leopard Lily. Tall and striking, with rich orange-red flowers having back-flared petals, and strongly marked by purple spots ringed lighter. It blooms in June and July and likes deep, rich, woodsy soil. Plant 5 inches deep. 30 cts. each; \$2.50 for 10; \$20.00 per 100

PARDALINUM GIGANTEUM. See *Sunset*.

PHILADELPHICUM. Wood Lily. A wild Lily of the eastern states, thriving in dry, sandy places with partial shade. The short stalks are 1 to 2 feet high, with dark red, erect flowers in July. Plant moderately deep. 30 cts. each; \$2.50 for 10; \$20.00 per 100

PHILIPPINENSE FORMOSANUM. In reality a hardy Easter Lily. Grows 1½ to 2 feet tall, with large, white, trumpet-shaped blooms, suffused on the exterior with reddish brown. Possesses a delightful fragrance. Blooms in September. Stem-rooting; plant 8 inches deep. Perfectly hardy and wonderfully prolific. 20 cts. each; \$1.70 for 10; \$15.00 per 100

REGALE. The Royal Lily. A very hardy, easily grown variety from the mountains of western China, and one of the most glorious of all. The flowers are gigantic, of true Lily shape, with long, waxen petals, recurved at the tips, and lightly frilled along the edges. In effect it is pure white, but the center of the flower is richly suffused with golden yellow and the brilliant orange-yellow anthers are large and showy. The outside of the buds and the three outer petals are stained with purple-brown, which often gives a faint pinkish value to the flowers seen in quantity. Unequaled for magnificent effect. Stem-rooting; plant moderately deep. First-size Bulbs, 6 to 7 in. circum. 15 cts. each; \$1.40 for 10; \$12.00 per 100

Mammoth Bulbs, 7 to 8 in. circum. 25 cts. each; \$2.25 for 10; \$18.00 per 100

Jumbo Bulbs, 8 to 9 in. circum. 30 cts. each; \$2.80 for 10; \$25.00 per 100

Monster Bulbs, 9 to 10 in. circum. 40 cts. each; \$3.80 for 10; \$35.00 per 100

RUBELLUM. A smaller form of *L. Krameri*, which it resembles, but is much more dependable. It blooms in July and requires the same treatment. 40 cts. each; \$3.50 for 10; \$30.00 per 100

SHELBURNE HYBRIDS. This progeny of *L. regale* and *L. Sargentii* is very much like the Regal Lily in form and coloring of flower and habit of plant but is much later, usually coming into bloom about the time Regale is finishing, thereby extending the season. Plant 6 inches deep. 45 cts. each; \$4.00 for 10; \$35.00 per 100

SPECIOSUM MAGNIFICUM. This is the finest of the showy Lilies and better than either Rubrum or Melpomene. In general, the flowers are somewhat like those of *L. auratum*, somewhat smaller, with narrower and more twisted petals. The main color is white, clouded, banded, and spotted with beautiful crimson and pink, giving the effect of some rare orchid. The plants are strong, with long, handsome leaves, grow 3 to 5 feet high, and bear great loose sprays of magnificent, delicately scented flowers in August and September. This is an easy Lily to grow, succeeding in half shade or sun, provided the lower part of the stems is sheltered. As it is stem-rooting, it should be planted deep, and seems to like light, slightly acid soil best, although good results may be had in ordinary garden ground. Bulbs, 8 to 9 in. circum. 25 cts. each; \$2.25 for 10; \$20.00 per 100

Bulbs, 11 to 13 in. circum. 45 cts. each; \$4.00 for 10; \$35.00 per 100

SPECIOSUM ALBUM. Slightly smaller in growth than Magnificum, but bears its fragrant, frosty blossoms in greatest profusion. They are snowy white with a deep emerald-green crease at the base of each petal, and showy yellow anthers. Bulbs, 7 to 8 in. circum. 35 cts. each; \$3.00 for 10; \$25.00 per 100

Bulbs, 8 to 9 in. circum. 45 cts. each; \$4.00 for 10; \$35.00 per 100

SULPHUREUM. Large, trumpet-shaped flowers of pale sulphur-yellow, marked and suffused on the outside with red. Its unusual color and heavy fragrance make it an outstanding Lily. Blooms in September. Stem-rooting; plant 10 inches deep. We offer large, selected bulbs. \$1.50 each; \$12.50 for 10; \$100.00 per 100

SUNSET LILY (*L. pardalinum giganteum*). A full description of this glorious Lily will be found on page 25.

Choice Bulbs. 35 cts. each; \$3.00 for 10; \$25.00 per 100

SUPERBUM. The Turk's-Cap Lily. It grows 5 to 8 feet high, with an immense, pyramidal cluster of brilliant orange-red, turban-shaped flowers, yellowish inside and spotted brown. Plant 6 inches deep. 30 cts. each; \$2.50 for 10; \$20.00 per 100

TENUIFOLIUM. Coral Lily. A dwarf, very graceful Lily, with thread-like leaves and clusters of nodding, tiny, bell-like, recurved flowers of brilliant coral-red in June. Likes damp soil among rocks, with access to sunlight above. Plant 6 inches deep. 15 cts. each; \$1.20 for 10; \$10.00 per 100

TENUIFOLIUM, GOLDEN GLEAM. A pure yellow form of this beautiful Lily. 35 cts. each; \$3.00 for 10; \$25.00 per 100

TENUIFOLIUM CERNUUM. A beautiful pink form of this Lily. 35 cts. each; \$3.00 for 10; \$25.00 per 100

TESTACEUM. Nankeen Lily. Of the same general habit as *L. candidum*. The stalks grow 3 to 6 feet tall and bear three to more than a dozen very charming, nodding, Turk's-Cap flowers, white outside, dusky orange or pale apricot within. Give same treatment as *L. candidum*. Blooms in June and July. \$1.25 each; \$11.00 for 10; \$100.00 per 100

TIGRINUM. The Tiger Lily is well known, with its showy, spotted red-orange flowers in wayside gardens in August and later. Very easy to grow, thriving in full sun in any soil. Plant shallow. 25 cts. each; \$2.00 for 10; \$18.00 per 100

TIGRINUM FLORE-PLENO. The double Tiger Lily is even showier and more handsome in a way than the original. It blooms a little later and requires the same treatment. 25 cts. each; \$2.00 for 10; \$18.00 per 100

UMBELLATUM GRANDIFLORUM ERECTUM. Vivid orange-scarlet flowers held upright and produced in June. Of easy culture and particularly suited for the border. Plant shallow in full sun-light in well-drained soil. Blooms during June. Large bulbs. 25 cts. each; \$2.25 for 10; \$20.00 per 100

UMBELLATUM, GOLDEN FLEECE. An Umbellatum variety of rich golden yellow, the tips of the petals marked with scarlet. A strong, robust grower. Requires the same culture as Umbellatum. \$1.25 each; \$10.00 for 10; \$90.00 per 100

WASHINGTONIANUM. Opens white, changing to varying shades of wine-color, slightly spotted deeper. Remarkably robust, free-blooming, and wonderfully fragrant. Blooms June and July. Stem-rooting; plant 10 inches deep. 50 cts. each; \$4.50 for 10; \$40.00 per 100

Lily Bulbs for Indoor Growing

CALLA LILIES

Use a stiff, clayey soil with a small quantity of shredded cow-manure. Bulbs should be set with the top protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms. When using the large-sized bulbs, plant but one in a pot; smaller ones, two. The Yellow Calla is one of the grandest varieties in cultivation, and most valuable for house or conservatory decoration. Plant Callas indoors only in the fall of the year.

PINK CALLA LILY (*Zantedeschia Rehmanni*). A dwarf Calla. The flowers are rose-pink, but fade to cerise as the flower matures. A very unusual novelty.

Selected Bulbs. 60 cts. each; \$5.50 for 10; \$50.00 per 100

WHITE CALLA LILY.

First size.	35 cts. each; \$3.00 for 10; \$25.00 per 100
Mammoth size.	45 cts. each; \$4.00 for 10; \$35.00 per 100
Jumbo size.	55 cts. each; \$5.00 for 10; \$45.00 per 100

YELLOW CALLA LILY. A grand novelty—one that should be planted extensively. The deep golden yellow flowers are truly magnificent and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty.

First-size Bulbs.	35 cts. each; \$3.00 for 10; \$25.00 per 100
Mammoth Bulbs.	55 cts. each; \$5.00 for 10; \$45.00 per 100

EASTER LILIES

We offer three distinct types of Easter Lilies: *Lilium Harrisii*, a very popular variety; *L. Erabu, Improved*, which can be had in flower from Christmas to Easter; and *L. giganteum*, an extra-fine Lily for cutting. Our reselected bulbs are used by leading exhibitors at the spring flower shows in New York, Boston, and Philadelphia.

	Case of 10	25	100
	Bulbs	Bulbs	Bulbs
LILUM HARRISII. July delivery.			
Bulbs, 7 to 9 in. circum.	\$3.50	\$7.50	\$25.00
Bulbs, 9 to 11 in. circum.	7.00	15.00	50.00
Bulbs, 11 to 13 in. circum.	10.00	22.50	80.00

L. ERABU, IMPROVED. September delivery.

Bulbs, 10 to 12 in. circum.	5.00	11.25	40.00
Bulbs, 11 to 13 in. circum.	6.50	15.00	50.00

L. GIGANTEUM. October delivery.

Bulbs, 10 to 12 in. circum.	6.00	12.50	45.00
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Miscellaneous Bulbs

ALLIUMS

Attractive little bulbous plants, with bare stems, carrying close heads of little flowers. Well adapted to rock-gardens and borders.

EASTERN LAKE. One of the loveliest, 4 to 6 inches high, with pink flowers tinged lavender. 50 cts. for 10; \$4.50 per 100

FALCIFOLIUM. Large umbels of rosy purple flowers. Only grows about 3 inches tall. 50 cts. for 10; \$4.50 per 100

NEAPOLITANUM. A popular variety for winter cut-flowers. Excellent for naturalizing among scillas in woodlands. Bears numerous heads of white flowers during May and June. 50 cts. for 10; \$4.50 per 100

UNIFOLIUM. Handsome trusses of rosy pink. Grows 6 to 10 inches tall. 50 cts. for 10; \$4.50 per 100

AMARYLLIS

S. & W. Co.'s Giant Hybrids

Few, if any, of the bulbous plants give the amateur greater pleasure for the window-garden than these giant-flowering Amaryllis that are so easily managed. Our strain of bulbs produces vigorous stems with from four to six blooms of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red, and crimson, to the richest self colors, such as scarlet, crimson, bright red, cherry, and almost maroon. Pot up bulbs, as soon as received, in good garden loam, enriched with a handful of bone fertilizer; water well and store in a dark place in a temperature of 50 to 60 degrees for four weeks until well rooted, then bring to light. Put in a sunny window and give water regularly. Bulbs potted up during October and November may be had in bloom in March. After they are through blooming, the pots may be set outdoors to allow the foliage to die down; they should be left in the pots and brought into the house in November to start for the next season.

SEPARATE SHADES. White, Salmon, Rose, Red. \$1.00 each; \$9.00 for 10

MIXED COLORS. Combination of above colors. 75 cts. each; \$6.50 for 10

ANEMONES (Windflower)

These popular flowers of French origin are useful as decorative plants for house or garden, and for cutting. If planted outdoors in the fall they must be well protected; may also be planted in spring in well-drained soil, and will flower during the summer. We offer extra-choice two-year bulbs only.

EXCELSIOR MIXTURE. We consider this the finest strain of single-flowering Anemones as yet raised. The plants are taller in growth than the St. Brigid and more single. They contain many fine shades of blue, white, and scarlet. 60 cts. for 10; \$5.00 per 100

HIS EXCELLENCY. Large, bright red, semi-double, showing a black center and suggesting a red poppy. 60 cts. for 10; \$5.00 per 100

ST. BRIGID. (Creagh Castle Strain.) There is a wide range of rich and brilliant colors in this magnificent strain. 60 cts. for 10; \$5.00 per 100

BLUE POPPY. A selected strain, similar to the St. Brigid, producing large, single, Poppy-like flowers in varying shades of blue. 60 cts. for 10; \$5.00 per 100

THE BRIDE. A very fine pure white variety similar in form to the St. Brigid type. 60 cts. for 10; \$5.00 per 100

BABIANA

We offer these in a mixture of colors from rich wine-red and purple to deep blue. In northern locations they should be grown just like a freesia, for home or conservatory decoration, but south of the Carolinas they may be planted outdoors in the rockery or border where they make a splendid display. The plant grows 8 to 10 inches high.

50 cts. for 10; \$4.50 per 100

CAMASSIA, continued

ESCULENTA. A native of the Mississippi Valley, 1½ to 2 feet high, with spikes of lovely purple, starry flowers. Very showy in mass planting.

50 cts. for 10; \$4.50 per 100; \$40.00 per 1000

LEICHTLINI. Similar to Esculenta, but a stronger grower. Flowers are larger and come in hues of deep blue and creamy white.

85c. for 10; \$7.50 per 100; \$70.00 per 1000

CHIONODOXA (Glory of the Snow)

Beautiful early-flowering bulbous plants for mass planting, blooming about the same time as the Crocuses. The flower-spikes are about 5 inches high, and bear ten to fifteen scilla-like blooms. Plant in clumps of 20 to 25 bulbs, 3 to 4 inches deep, 2 to 3 inches apart. In this way the plants seed and soon produce a perfect mass of flowering bulbs.

LUCILIAE. Sky-blue flowers, white in the center.

40 cts. for 10; \$3.00 per 100; \$25.00 per 1000

LUCILIAE, WHITE. White form of above. 95 cts. for 10; \$8.50 per 100; \$80.00 per 1000

SARDENSIS. This is earlier than the variety Luciliae, and the earliest deep blue flower.

40 cts. for 10; \$3.00 per 100; \$25.00 per 1000

COLCHICUM (Meadow Saffron)

Giant Autumn-Flowering Crocus

The flowers of this accommodating plant resemble crocus. If planted in August or September, the flowers will appear in a short time but the foliage does not appear until spring. They may remain in one spot for years without deterioration.

The bulbs may also be bloomed in a sunny window without soil or water and may be planted out after blooming. Plant 2 to 3 inches deep.

AUTUMNALE. Purple.

35 cts. each; \$3.00 for 10; \$25.00 per 100

AUTUMNALE ALBA. White.

35 cts. each; \$3.00 for 10; \$25.00 per 100

AUTUMNALE MAJOR. Rosy purple.

35 cts. each; \$3.00 for 10; \$25.00 per 100

BORNMUELLERI. Rosy lilac.

45 cts. each; \$4.00 for 10; \$35.00 per 100

GIGANTEUM. Soft violet.

40 cts. each; \$3.50 for 10; \$30.00 per 100

SPECIOSUM. Has deep rose-purple blooms. 35 cts. each; \$3.00 for 10; \$25.00 per 100



Colchicum

CAMASSIA

Perfectly hardy bulbous plants that bloom in June, producing flower-spikes 2 to 4 feet high, bearing many star-shaped flowers, measuring 1½ to 2 inches across. Bulbs should be planted 4 to 5 inches deep, and in the case of Esculenta and Leichtlini, where mass effects are desired, 4 to 5 inches apart.

CUSICKI. Under good cultivation, grows to the height of 4 feet. Tall spikes of pale lavender, starry flowers with yellow anthers. \$1.75 for 10; \$15.00 per 100; \$130.00 per 1000



Chionodoxa Luciliae



Crocuta



Eranthis hyemalis



Erythroniums

MISCELLANEOUS BULBS, continued

CROCUS

Autumn and Spring-flowering

We offer three distinct types of Crocuses: Those that bloom in the autumn if planted in September; the Crocus species which usually bloom in February; and the Dutch Crocuses which bloom in March and April.

Autumn-flowering Crocus

Plant in September

Excellent for planting in the grass and on the borders of shrubbery. Given a sheltered and sunny position in the rock-garden, they add delightful color at a time when most rock-garden plants are out of bloom.

MEDIUS. Rich violet flowers, veined with purple at the base; stigmata is rich bright orange-red. **\$1.75 for 10; \$15.00 per 100**

NUDIFLORUS. Clear rich purple. A native of southern France and the Pyrenees Mountains. **\$1.25 for 10; \$10.00 per 100**

PULCHELLUS. Lavender-blue; orange-spotted throat; anthers white. **\$1.00 for 10; \$9.00 per 100**

SATIVUS (Saffron Crocus). A native of the Mediterranean section from Italy to Asia Minor. Flowers large, purplish lilac, feathered violet, with showy orange stigmata; slightly scented. Free-blooming. **45 cts. for 10; \$3.50 per 100**

SPECIOSUS. Widely used in lawns, borders and rock-gardens. Lively violet-blue, veined, with orange-red anthers and light yellow throat. **45 cts. for 10; \$3.50 per 100**

ZONATUS. Rose-lilac; yellow center and orange zone. **45 cts. for 10; \$3.50 per 100**

Spring-flowering Crocus

Charming for rock-garden and general planting, blooming early in the spring.

IMPERATI. Exterior buff, lined with purple; interior rich violet. Extremely early flowering. **60 cts. for 10; \$5.00 per 100**

KOROLKOWI. Starry flowers of yellow, with bronze-brown flush on the outside of the petals. A gem for rock-gardens. **70 cts. for 10; \$6.00 per 100**

SIEBERI. Very early; bright blue-purple with golden throat. **50 cts. for 10; \$4.00 per 100**

TOMASINIANUS. Very pale lavender-blue, shading to silver-gray on the exterior. **40 cts. for 10; \$3.00 per 100**

Giant-flowering Crocus

Extra-large bulbs

AMETHYST. Bright pale lavender.

ENCHANTRESS. Bright porcelain-blue.

GRAND LILAS. Beautiful shade of lilac.

INNOCENCE. Large; pure white.

IVANHOE. Rich, dark blue.

PURPUREA GRANDIFLORA. Deep purple-blue.

STRIPED QUEEN. Narrow lavender stripes on white ground.

STRIPED BEAUTY. Violet-blue, striped white.

THE SULTAN. Rich bright purple.

YELLOW MAMMOTH. Deep rich yellow.

Price of any of above varieties:
30 cts. for 10; \$2.50 per 100; \$22.50 per 1000

S. & W. Co.'s Giant-flowering Mixture

From palest lilac through the shades of blue to deepest purple, striped white and deepest yellow.

30 cts. for 10; \$2.50 per 100; \$22.50 per 1000

CYPRIOPEDIUM

ACAULE (Pink Lady's-slipper; Moccasin Flower). An excellent subject for a damp, shady situation. It grows about 1 foot high and produces a large, showy, rose-purple bloom. Plant 3 inches deep and about 8 inches apart. Prefers a mulch of pine or hemlock needles until it becomes established. **\$1.75 for 10; \$15.00 per 100**

PUBESCENTS. This is the large yellow Lady's-slipper or Moccasin Flower. Its showy, fragrant blooms are produced at the top of a leafy stem. These little plants are very attractive planted in colonies and are excellent for the woodland path or among sheltered evergreens. **\$1.75 for 10; \$15.00 per 100**

DICENTRA SPECTABILIS (Bleeding-Heart or Seal Flower)

An old-fashioned favorite, with long racemes of graceful heart-shaped pink flowers that are always attractive. We offer only extra-strong clumps which will make fine specimen plants first year after planting.

45 cts. each; \$4.00 for 10; \$35.00 per 100

ERANTHIS (Winter Aconite)

In northern gardens these are the first bulbous flowers of the year, appearing some time before the snowdrops. They succeed almost anywhere but do especially well under trees where their golden, buttercup-like blossoms appear to splendid advantage. The bulbs are perishable and should be planted as soon as received. Once established they are quite permanent and are among the jewels of the garden.

CILICICA. Deep yellow flowers. Foliage bronzy and finely cut. Lovely rock-garden variety.

45 cts. for 10; \$4.00 per 100; \$35.00 per 1000

HYEMALIS. The common Winter Aconite. Clear yellow. Very early. Good for the rock-garden, under sedums or trees. Plant bulbs as soon as you receive them.

40 cts. for 10; \$3.50 per 100; \$30.00 per 1000

EREMURUS

This noble and rare bulbous plant from Turkestan is one of the choicest subjects for the permanent hardy border. It thrives best in a well-drained, sheltered, sunny position, and prefers a deep sandy loam to which has been added a liberal quantity of well-rotted cow manure. A covering of 4 to 5 inches of leaves or litter will be beneficial and will save the young shoots, which start early, and are liable to be damaged by late frosts. It produces a tall, majestic flower-stalk which rises from a crowded tuft of narrow leaves and is crowned by a flower-spike 2 to 3 feet long, composed of closely set, bell-shaped flowers which are quite star-like in effect. The colors are tones of rose, yellow, and white.

BUNGEI. Very beautiful, deep yellow flowers in July. A strong grower, reaching a height of 6 feet. **\$1.25 each; \$10.00 for 10**

ELWESI. Beautiful soft pink blooms in June. Broad green foliage. A very vigorous-growing variety reaching a height of 10 to 12 feet. **\$1.75 each; \$16.00 for 10**

ELWESI ALBUS. Pure white form of the above. **\$1.75 each; \$16.00 for 10**

HIMALAICUS. Waxy white flowers with golden anthers. Height 6 to 8 feet. **\$1.50 each; \$14.00 for 10**

HIM-ROB. Eight to ten-foot stems with flower-spike 3 to 4 feet long, closely set with large flowers of pale silvery pink. Blooms in June. **\$2.00 each; \$18.00 for 10**

ROBUSTUS. Rosy pink flowers in June on 8- to 10-foot stems. Strong grower. **\$2.00 each; \$18.00 for 10**

SHELFORD HYBRIDS. See page 32 for color illustration and offer.



Fritillaria imperialis



Freesias



Galanthus (Snowdrops)



Muscari (Grape Hyacinths)

MISCELLANEOUS BULBS, continued

ERYTHRONIUM (Dog's-tooth Violet)

AMERICANUM. Charming native woodland plants particularly suitable for the shady dell or woodland and fine for shaded corners or the rock-garden. They produce in April, small, lily-like flowers in shades of white, pink, bright yellow, rose, and cream. The beauty of the flowers is greatly enhanced by the richly mottled leaves. They like a light, rather moist, well-drained soil. The bulbs should be planted about 5 inches deep.

75 cts. for 10; \$6.00 per 100

CITRINUM. A native of southwestern Oregon. Heavily mottled leaves with white or soft yellow flowers having an orange center. Quite a distinct species.

75 cts. for 10; \$6.00 per 100

GIGANTEUM. A large, cream-colored variety with mottled leaves. Height 6 to 10 inches.

75 cts. for 10; \$6.00 per 100

HENDERSONI. Lavender and purple flowers with mottled leaves. Height 6 to 10 inches.

75 cts. for 10; \$6.00 per 100

JOHNSONI. Considered the most lovely of all Erythroniums. An exquisite soft pink with mottled leaves.

\$1.10 for 10; \$10.00 per 100

FRITILLARIA IMPERIALIS (Crown Imperials)

The giant Fritillarias grow about 4 feet tall, each stem bearing a crown of spectacular flowers topped with a whorl of foliage. They were favorites in old-time gardens and we are glad to see that they are again becoming popular. Plant in full sun where protected from strong winds and they will persist for years.

AURORA. Red-orange. This is the common Kaiser Crown. Height 30 inches.

35 cts. each; \$3.00 for 10; \$25.00 per 100

FOLIIS ARGENTEIS VITTATIS. Beautiful silvery striped leaves with orange-red flowers. Height 30 inches.

40 cts. each; \$3.50 for 10; \$30.00 per 100

MAXIMA, RED. Strong-growing variety with large orange-red flowers. Height 34 inches.

35 cts. each; \$3.00 for 10; \$25.00 per 100

MAXIMA, YELLOW. Large yellow flowers. Strong growing. Height 34 inches.

70 cts. each; \$6.50 for 10; \$60.00 per 100

ORANGE BRILLIANT. Large, orange-brown flowers in heads. Very fine, strong, and robust-growing variety.

35 cts. each; \$3.00 for 10; \$25.00 per 100

FRITILLARIA MELEAGRIS

Singular, dwarf, spring-flowering plants, bearing large, pendent, bell-shaped flowers, in yellow, white, black, purple, striped and splashed, and checkered in the most curious way. They are invaluable for pot-culture, and pretty when grown in large groups in a dry situation in the rock-garden.

ALBA. White.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

CALYPSO. Purple.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

MIXED. Select mixtures.

50c. for 10; \$4.00 per 100; \$35.00 per 1000

GLADIOLUS (Colvillei Types)

This type of Gladiolus is grown in the greenhouse, and is usually forced into bloom in late February and early March. It is excellent for cut-flowers.

NYMPH. Large-flowering, white.

PEACH BLOSSOM. Pale pink.

SPITFIRE. Bright scarlet.

THE BRIDE. Pure white.

70 cts. for 10; \$6.00 per 100; \$55.00 per 1000

TRISTRIS CONCOLOR. One of the loveliest of this type, and now seen quite frequently as a pot-plant at our New York Flower Show. The flowers are creamy white, borne on long ivory stems. Excellent for forcing. \$1.25 for 10; \$10.00 per 100; \$90.00 per 1000

Giant Freesias

Without doubt the most sweetly scented flower grown; a single bloom permeates the living-room with its delicate perfume.

We offer 12 of the most distinct varieties—only those which are good growers, have good-sized flowers on good stems, and are the best in their respective colors. We also offer the most desirable size bulbs for exhibition blooms in each variety. Size given denotes diameter in inches of the bulb.

APOTHEOSE. The finest lavender-pink. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

ELDER'S GIANT WHITE. Plant Patent No. 17. The largest white, but not as early as Purity Superflora. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

90c. for 10; \$8.00 per 100; \$75.00 per 1000

GOLDEN DAFFODIL. The finest rich daffodil-yellow. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

50c. for 10; \$4.00 per 100; \$35.00 per 1000

GOLDEN TREASURE. Similar to Golden Daffodil, except outer part of the flower is tinged lilac. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

50c. for 10; \$4.00 per 100; \$35.00 per 1000

MARIE LOUISE FISCHER. Flower is large, of a deep blue-violet color. Bulbs $\frac{3}{4}$ in.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

MENDOTA. Somewhat smaller and deeper in color than Golden Daffodil, but later. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

50c. for 10; \$4.50 per 100; \$40.00 per 1000

MISS BLANCHE BLUE. Plant Patent No. 98. Deep rich blue. Early. Fine large flowers. Bulbs $\frac{1}{2}$ to $\frac{5}{8}$ in.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

MRS. MARC PETERS. The finest deep rosy salmon-pink. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

PENSEROSE. Enormous, broad-petaled flower of good substance, bright pinkish carmine with primrose throat. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

70c. for 10; \$6.00 per 100; \$50.00 per 1000

PURITY SUPERFLORA. Excellent white, earlier than Elder's Giant White, but not quite as large. Fine strong grower. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

50c. for 10; \$4.00 per 100; \$35.00 per 1000

Bulbs $\frac{7}{8}$ in. up.

60c. for 10; \$5.00 per 100; \$45.00 per 1000

RED RIDING HOOD. A new variety. Rich blood-red, cadmium-yellow throat. Fine strong grower, with good-sized blooms. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

80c. for 10; \$7.00 per 100; \$60.00 per 1000

RUTH CHATTERTON. A distinct new shade of Tyrian rose and pink, the color being shot with delicate lines of cadmium-yellow in varying degrees. Bulbs $\frac{3}{4}$ to $\frac{7}{8}$ in.

70c. for 10; \$6.00 per 100; \$50.00 per 1000

FREEZIES ARE EASY TO GROW
and everyone should have several pots of these deliciously fragrant flowers whose scent will spread through the house.

Our bulbs are dug late, are thoroughly ripened, and should not be planted before late September or early October.

Plant them close together in good potting soil, water well, and store the pots outside until real cold weather when they should be placed in a sunny window or the conservatory. Light feedings of S. & W. Bulb Fertilizer will greatly increase the size of the flowers and enrich their colors.

BULBOUS IRISES

DUTCH, ENGLISH and HYBRIDS OF IRIS TINGITANA

We offer below three forms of the Bulbous Irises, many of which are grown by commercial florists in large quantities and sold during February and March. Contrary to general belief, the Dutch Irises are excellent for outdoor planting and bloom during May and June. The English Irises are even more beautiful, and if planted in the hardy border where German Irises are grown, they usually bloom after the German and before the Japanese. The third type of the Bulbous Irises are what is known as Tingitana Hybrids and of these types the best known and most dependable for indoor culture is Wedgwood. We recommend the planting of Dutch and English Irises in this latitude in October, as late planting prevents early top-growth. Plant them 5 inches deep and give them the usual protection given to the perennial border.

DUTCH IRISES

A. Bloemaard. Standards dark blue; falls light blue.

Blue Horizon. Very broad and strong. Light violet-blue standards; falls soft sky-blue, narrow orange stripe. Large, beautiful flower.

David Bless. Soft heliotrope-blue. Early.

Imperator. Uniform shade of dark purple-lilac; of good substance and size. Popular as a forcing Iris to bloom after Wedgwood.

Indian Chief. One of the beautiful shades of violet and bronze—standards violet, tinged bronze; falls bronze.

White Excelsior. Uniform pure white. Falls very broad; very good form and substance.

Yellow Queen. Standards and falls golden yellow. Excellent for early forcing.

Any of the above, 70 cts. for 10; \$6.00 per 100; \$55.00 per 1000

See first cover page for special list of varieties for outdoor planting

ENGLISH IRISES

While this Iris differs from the Dutch varieties in that it cannot be forced in bloom in a greenhouse, it is one of the finest to grow in the garden for decoration or cutting. It is hardy, easy to grow, and seldom, if ever, fails to bloom.

Bleu Celeste. Light lavender-blue; very delicate and effective.

King of the Blues. Brilliant deep purple-blue.

Mont Blanc. Pure white.

Sunset. The color of the Cattleya orchid—delicate lavender-pink.

Any of the above, 90 cts. for 10; \$8.00 per 100; \$70.00 per 1000

IRIS, WEDGWOOD

This type of Iris is principally used for greenhouse growing and may be had in bloom in late February. Standards dark blue; falls beautiful pale blue, with yellow blotch. Flowers frequently measure 6 inches across, borne on stems 2 feet tall. Jumbo bulbs, \$1.10 for 10; \$10.00 per 100

ALTHEA. Pale cream with a dark brown center. 60 cts. for 10; \$5.00 per 100

BEAUTY OF NORFOLK. Light yellow with a dark center. 60 cts. for 10; \$5.00 per 100

GOLD DROP. Rich deep golden yellow. 60 cts. for 10; \$5.00 per 100

LADY SLADE. Beautiful shade of light rose-pink, carmine center. 60 cts. for 10; \$5.00 per 100

SMILING MARY. A bright shade of cherry-red. 60 cts. for 10; \$5.00 per 100

FINEST MIXED. Good outstanding colors. 55 cts. for 10; \$4.50 per 100

LACHENALIA

These South African bulbs are known in Europe as the Cape Cowslip but the bell-shaped flowers look more like grape hyacinths than Cowslips. They make splendid pot-plants and if carefully handled after blooming will last for years.

A 6-inch pot filled with a mixture of two-thirds sandy loam and one-third leaf-mold will accommodate half a dozen bulbs. Pot as soon as received and store in a coldframe or other protected place until real cold weather arrives, when they should be brought inside. They require plenty of water after growth starts.

PENDULA SUPERBA. Flowers brilliant coral-red, tipped green and purple. Two or three tulip-like green leaves. One of the best and earliest, excellent for indoor growing. Easily in bloom by Christmas.

25 cts. each; \$2.25 for 10; \$20.00 per 100

LEUCOCORYNE

Ixioides odorata

An excellent subject for a cool greenhouse, growing about 1 foot high, and bearing 4 to 6 blooms of light blue, center marked white. Slightly fragrant. The culture used for Freesias is recommended. Not hardy.

\$1.10 for 10; \$10.00 per 100

LEUCOJUM AESTIVUM

Spring Snowflake

This pretty bulbous plant is similar to the snowdrop but of larger, stronger, and more attractive habit. In rich soil it grows to a height of 8 inches and produces, in late April, beautiful large white flowers, tipped with green, that are excellent for cutting. When once planted they take care of themselves, and should be in all hardy collections. Also do well in pots.

70 cts. for 10; \$6.00 per 100; \$50.00 per 1000

LILY-OF-THE-VALLEY PIPS

For Greenhouse Growing November Delivery

In judging the price of our Lily-of-the-Valley, please remember that the best is the cheapest. Our Valley is bought at open prices, with instructions for a selection of the best-developed pips. Our long experience and large importations have commanded this extra selection. For **growing indoors** these pips are the best that can be planted. 25 pips \$2.50; 100 pips \$9.00; 250 pips \$21.00; 500 pips \$40.00; 1000 pips \$75.00.

For Outdoor Planting November Delivery

For outdoor planting we offer pips of **smaller size** than those used for growing Lily-of-the-Valley **indoors** and at attractive prices. Plant 4 inches apart for a solid bed. 10 pips 75 cts.; 25 pips \$1.50; 100 pips \$5.00; 1000 pips \$40.00.

MERTENSIA VIRGINICA

A beautiful hardy perennial particularly effective in the open border and for naturalizing in woodlands and along brook or pond. The plant grows from 1 to 2 feet high, bearing a panicle of flowers of a soft porcelain-blue shade, about 1 inch long, in short, pendent clusters. It flowers a long time, beginning with the daffodils and continuing while the May-flowering tulips are in full bloom. Extra-heavy clumps.

\$1.40 for 10; \$12.00 per 100

MUSCARI

Grape Hyacinth

One of the most charming of spring-flowering subjects which blooms during daffodil-time in April. They will grow well under trees and also do well in full sun in the border or at a sunny spot of the rockery. They are absolutely hardy and if planted where they are not disturbed will gradually increase in number.

ARMENIACUM. Now that stocks of this variety have increased, we recommend it as finest and clearest blue of all the Muscari. It is especially valuable for naturalizing with the narcissi and is excellent for greenhouse forcing during the winter. The spikes attain the height of 4 to 5 inches and are well set with beautiful clear blue flowers. 35 cts. for 10; \$3.00 per 100; \$25.00 per 1000

BOTRYOIDES ALBUM. Pure white form of *Botryoides cæruleum*, making a nice showing when contrasted with clumps of the blue Muscari.

45 cts. for 10; \$3.50 per 100; \$30.00 per 1000

MISCELLANEOUS BULBS, continued

MUSCARI, continued

HEAVENLY BLUE. Fragrant, brighter in color, and larger than the Botryoides. Probably the most popular of the Muscari; widely planted in beds, borders, and for naturalizing, where its greater size is of value. When once established, forms an attractive permanent planting. Does well in partial shade.

35 cts. for 10; \$3.00 per 100; \$25.00 per 1000

PLUMOSUM. Plume or Feathered Muscari. Instead of the characteristic grape-shaped florets, this variety produces a celosia-like plume of feathery threads, usually 4 inches long and 2 inches broad at its widest point, of bright lilac-violet. Usually 7 inches tall, but with good culture will produce stems long enough for cutting. 50 cts. for 10; \$4.00 per 100; \$35.00 per 1000

ORNITHOGALUM

ARABICUM. Tall spikes made up of pure white florets, each set off by a gleaming black pistil, which makes a striking feature. Excellent for pot-culture and for gardens as far north as New York, though heavy protection is advisable.

70 cts. for 10; \$6.00 per 100

AUREUM. Fine, full spikes, about 12 to 15 inches tall, of a rich golden yellow such as one would like to find in hyacinths, which the spikes somewhat resemble. Recommended particularly for forcing, where 4 bulbs in a 4-inch pot may be kept in bloom from January to May.

\$1.10 for 10; \$10.00 per 100

SILVER STAR. Similar to Thysoides, except that the flowers are more star-shaped and may be had in bloom a few weeks earlier in the greenhouse. One of the best of the pure white form. 85 cts. for 10; \$7.50 per 100

THYSOIDES. The famous Chincherinchee of South Africa. Remarkable for its long-lasting qualities when cut, the spikes remaining in fine condition for weeks. Light straw-color, changing to pure white. Not hardy about New York, where it is recommended for forcing, but excellent for outdoor planting in the South.

70 cts. for 10; \$6.00 per 100

OXALIS (Shamrocks)

Attractive foliage as well as pretty flowers make these especially good for pots or hanging baskets, and advantage should be taken of their low price to have a number of these blooming all winter. The three-leaved foliage is popular for St. Patrick's Day. Ordinary good potting soil makes them happy.

BERMUDA BUTTERCUP. Yellow.

GRAND DUCHESS. Lavender.

HIRTA. A lovely pink variety.

40 cts. for 10; \$3.50 per 100

RANUNCULUS

These bulbs produce large, turban-like heads of fully double flowers, in a great range of color. They excel as cut-flowers and for that purpose are recommended for greenhouse forcing. Hardy south of Washington, but about New York should be planted only in favorably located positions and heavily protected. Plant outdoors in spring, dig bulbs in the fall. Blooms in July.

TECOLETE GIANTS, MIXTURE. The flowers are very double, blended with giant semi-doubles. Shades of orange, red, yellow, pink, etc., abound; in fact, every desired shade is included in this mixture. 60 cts. for 10; \$5.00 per 100; \$45.00 per 1000

RANUNCULUS, continued

TECOLETE GIANTS, YELLOW. The same as our Tecolete Giant Mixture but a selection of yellow shades only, ranging from light straw-yellow to deep golden yellow.

70 cts. for 10; \$6.00 per 100; \$55.00 per 1000

TECOLETE GIANTS, RED. Another selection from the Tecolete Giant Mixture, composed of dark crimson, scarlet, orange-red, and other shades of red.

70 cts. for 10; \$6.00 per 100; \$55.00 per 1000

TECOLETE GIANTS, GOLD. Another selection from the Tecolete Giant Mixture, composed of deep yellow through gold to deepest orange-yellow.

70 cts. for 10; \$6.00 per 100; \$55.00 per 1000

SCILLA CAMPANULATA

Wood Hyacinth

Bears spikes, 15 inches high, of bell-like flowers, during early May. Plant 5 or 6 inches deep in shady situations. Very effective for borders; will grow under fir or pine trees.

ALBA MAXIMA. Clear white, with very fine, large bells.

45c. for 10; \$3.50 per 100; \$30.00 per 1000

BLUE QUEEN. Erect spikes of porcelain-blue flowers; strong grower.

45c. for 10; \$3.50 per 100; \$30.00 per 1000

EXCELSIOR. Bright deep blue, with large bells.

45c. for 10; \$3.50 per 100; \$30.00 per 1000

ROSE QUEEN. Bells of soft lilac-rose.

45c. for 10; \$3.50 per 100; \$30.00 per 1000

Scilla sibirica (The Siberian Squill)

This charming bulbous flower blooms just after the chionodoxa, connecting the flowering season of the crocus with that of the narcissi. They are fine for naturalizing under trees or in the open woodland, producing drooping, bell-like flowers on stems 3 to 4 inches in height. Blooms very well in the rock-garden. Plant 3 inches deep in shade, half-shade, or in full sun. Splendid to plant among narcissi.

BLUE. Splendid for massing. Jumbo Bulbs. 45c. for 10; \$4.00 per 100; \$35.00 per 1000

SPRING BEAUTY. Really a glorified form of Sibirica, Blue. The color is a brighter blue and the plant produces taller stems with five to six flowers from one bulb. A decided acquisition among these lovely spring-flowering bulbous plants.

80c. for 10; \$7.00 per 100; \$65.00 per 1000

WHITE. A variety sometimes used for interspersing with the blue sorts.

50c. for 10; \$4.00 per 100; \$35.00 per 1000

SPARAXIS

South African bulbous plants with graceful spikes of spectacular flowers in a gay conglomeration of purple, yellow, brown, and white in strange markings. Plant 2 to 3 inches deep in late fall and mulch heavily in the North. For winter bloom in the house, pot and store outside until real cold weather when they should be brought in. Six corms will be enough for a 6-inch pot.

45 cts. for 10; \$4.00 per 100



Scillas used as a Border Flower

SPIREA

November delivery

AVALANCHE. White variety with long spikes. Fine for forcing.

GLADSTONE. Large spikes of white flowers, borne on strong stems 18 inches high.

GLORIA SUPERBA. A recent introduction that is conspicuously beautiful with its dense, feathery plumes of dark pink flowers.

PEACH BLOSSOM. Shade of peach-blossom pink; free-flowering.

QUEEN ALEXANDRA. A popular variety on the order of Gladstone, but of a pale pink color.

Strong clumps of any of the above 5 varieties, \$1.00 each; \$9.00 for 10; \$80.00 per 100

TRILLIUM

GRANDIFLORUM. This beautiful native woodland plant grows from 8 to 12 inches high and produces large white flowers, turning lilac with age. Popular for garden planting. We offer large, strong clumps. 90c. for 10; \$8.00 per 100; \$70.00 per 1000

STYLOSUM. Similar to the above but somewhat smaller and has pink flowers. \$1.25 for 10; \$11.00 per 100; \$100 per 1000

TRITELEIA

UNIFLORA VIOACEA (*Milla uniflora violacea*). Deliciously fragrant little flowers of pale violet-blue, with white centers, are produced on 3-inch stems in early spring. Although hardy, if protected over winter they will spread rapidly, especially under trees and shrubs. A fine rockery plant. Do not require rich soil.

60 cts. for 10; \$5.00 per 100

TRITONIA CROCATA

This beautiful Cape Bulb is usually treated as a greenhouse plant and handled like the freesia, which it somewhat resembles in its foliage. The lively orange-red flowers are borne on slender stems in racemes and are about 2 inches across. Splendid pot-plant. 55 cts. for 10; \$4.50 per 100; \$40.00 per 1000

VALLOTA (Scarborough Lily)

PURPUREA. A rare member of the Amaryllis family from South Africa bearing brilliant flowers of bright red. Not hardy, it should be potted up in the autumn after it has finished blooming and be carried over winter inside. Increases rapidly. Water sparingly.

Selected Bulbs \$1.00 each; \$90.00 per 100

MISCELLANEOUS BULBS



EREMURUS, SHELFORD HYBRIDS

We offer these splendid Hybrids of this beautiful race of plants as suitable for the back of the herbaceous border or for cutting. The plants grow 6 to 7 feet high and the fine stately spikes are studded with flowers. These Hybrids contain shades of coppery pink, orange, pale yellow, and pink flowers shot with delicate bronze. For best effect in the border they should be planted in clumps of 3 to 6 roots. Selected flowering roots, 75 cts. each; \$6.50 for 10; \$60.00 per 100. For other named varieties, see page 28.



MERTENSIA VIRGINICA

A beautiful hardy perennial particularly effective in the open border and for naturalizing in woodlands and along brook or pond. The plant grows from 1 to 2 feet high, bearing a panicle of flowers of a soft porcelain-blue shade, about 1 inch long, in short, pendent clusters. It flowers a long time, beginning with the daffodils and continuing while the May-flowering tulips are in full bloom. Selected roots for naturalizing or garden planting, \$1.40 for 10; \$12.00 per 100.

YELLOW CALLA LILY

(November Delivery)

A very delightful bulbous plant for growing indoors during February and March. The deep yellow flowers form a splendid contrast to the deep rich green leaves which are delightfully spotted white.

First Size Bulbs. 35 cts. each; \$3.00 for 10; \$25.00 per 100

Mammoth Bulbs. 55 cts. each; \$5.00 for 10; \$45.00 per 100



AMARYLLIS, S. & W. Co's Giant Strain

We are pleased to advise that our growers, after many years of selection, have been able to offer us a superior strain of this delightful bulbous plant for indoor growing. We now offer distinct shades of color as well as a mixture of the various shades.

SEPARATE SHADES. White, Salmon, Rose or Red. \$1.00 each; \$9.00 for 10.

MIXED COLORS. Combination of the above colors. 75 cts. each; \$6.50 for 10.



Yellow Calla Lily



Daffodils for Naturalizing

One of the loveliest of spring pictures is a naturalized planting of Daffodils, and whether the planting is in open woodland, a grassy meadow, on the banks of a stream, or on a sunny southern slope, the result is always beautiful. Make the planting informal and allow the tops to ripen naturally each season and they will increase in beauty year after year.

This mixture is grown at our Mile-Front Daffodil Farm and is made up of only choice types and varieties that are suitable for naturalizing or planting in clumps in your shrubbery border.

Mixture Standard Named Varieties \$6.00 per 100; \$50.00 per 1000

Special Mixture Including New and Rare Varieties . . . \$7.50 per 100; \$65.00 per 1000

Sawco Special Plant-Foods

Note: Fertilizers in lots of 25 lbs. or more are delivered free within 50 miles of New York City by truck, mail, express, or freight, at our option. In lesser quantities customer pays transportation

SAWCO

Emerald Grass Fertilizer

10 lbs. 90 cts.; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$75.00.

SAWCO

Bulb Fertilizer

50 lbs. \$3.25; 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$75.00.

Sawco Acidulous Fertilizer. A plant-food and soil-acidifier for rhododendrons, kalmias, azaleas, mountain laurel, blueberries, cranberries, and many other acid-loving plants. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$6.00; 500 lbs. \$27.50; ton \$80.00.

Sawco General Garden Fertilizer. For vegetables, flowers, and fruits. Recommended strongly as the best for all-round work in the garden. 5 lbs. 50 cts.; 10 lbs. 90 cts.; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$75.00.

For lawns and golf putting-greens. A well-balanced, organic chemical formula of the purest ingredients designed to feed only the finer grasses and keep them in a healthy condition. 5 lbs. 50 cts.;

A highly nutritious plant-food for tulips, crocuses, hyacinths, and many other fall bulbs, also lilies. Best applied by mixing with soil before planting bulbs. 5 lbs. 50 cts.; 10 lbs. 90 cts.; 25 lbs. \$1.75;

SAWCO

SAWCONURE

25 to 75 pounds per 1000 square feet. 50 lbs. \$3.00; 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$60.00.

SAWCO

SAWCOSOIL A Fortified Topsoil

greenhouse benches and for city gardens. In bags, 25 lbs. \$1.00; 100 lbs. \$3.00; 500 lbs. \$10.00; ton \$25.00. In bulk, three tons (minimum quantity), \$14.50 per ton; 4 to 9 tons, \$13.00 per ton; over 10 tons, \$11.75 per ton.

Sawco Chrysanthemum Food. (An old English formula.) All organic; not immediately soluble. A plant-food for chrysanthemums, pelargoniums, cinerarias, and many other greenhouse plants. Most valuable for the above plants when mixed with the soil before potting. Mix 5 pounds to a wheelbarrow load of soil. Follow with occasional light top-dressings and water. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$6.00.

TREEWIZ.

"A TREAT FOR TREES." A slowly available, high-analysis tree-food in cartridge form for restoring weakened trees and shrubs to their natural healthy state—economically, conveniently, and safely. No danger of root-burning or over-feeding. Cartridges last an entire season. Carton (4 large tree-food cartridges) for shade and fruit trees, \$1.00; \$20.00 per 100 cartridges. Carton (8 small tree-food cartridges) for evergreens and shrubs, \$1.00; \$9.50 per 100 cartridges. Also in bulk. 5 lbs. \$1.00; 10 lbs. \$1.50; 25 lbs. \$3.00; 50 lbs. \$5.00; 100 lbs. \$8.00; 500 lbs. \$35.00; ton \$110.00.

Adco. Add it to garden rubbish, leaves and grass clippings to hasten decay and quickly produce manure. 7½-lb. pkg. \$1.00; 25 lbs. \$2.25; 150 lbs. \$10.50.

Aluminum Sulphate. Makes soil acid. Used in the culture of rhododendrons and similar plants. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$6.00.

Ashes, Canada Hardwood. These furnish potash. One to two tons per acre may be harrowed into land in winter or early spring. Broadcast between rows, 10 pounds per 100 feet. 5 lbs. 75 cts.; 25 lbs. \$1.75; 100-lb. bag \$4.50; bbl. (about 200 lbs.) \$7.00; ton \$50.00.

Bone Fertilizer. Fine and coarse. Quick to give results, yet the benefits are lasting. 5 lbs. 40 cts.; 10 lbs. 75 cts.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.00; 500 lbs. \$18.00; ton \$55.00.

Bone, Vineyard. These large particles of bone, averaging from ¼ to ½ inch, make an ideal fertilizer for grape-vines and fruit trees. 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$6.00; 500 lbs. \$27.50; ton \$75.00.

Cattle Manure, Shredded. A soil-builder and ideal mulch that is especially recommended for crops in hot, sandy soils. 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$65.00.

Charcoal. Sweetens and lightens sour and heavy soils. 50 lbs. \$3.00; 100 lbs. \$4.50; 500 lbs. \$20.00; ton \$65.00.

Clay's Fertilizer. Has a splendid reputation for flowers, vegetables, and fruit. 7 lbs. \$2.00; 14 lbs. \$3.00; 28 lbs. \$4.50; 56 lbs. \$8.00; 112 lbs. \$13.50.

Fertera. A highly concentrated plant-food for house plants in tablet form. Contains 13 per cent Nitrogen, 17 per cent Phosphoric Acid, 22 per cent Potash. 100-tablet size 50 cts.; 1000-tablet size \$3.00.

Legume Aid. Nitrogen-fixing bacteria for all leguminous plants. Small garden unit 35 cts. Large seed units, bus. 30 cts.; 2 bus. 50 cts.; 5 bus. \$1.00. Clover units, ½ bus. 30 cts.; bus. 50 cts.; 2½ bus. \$1.00. When ordering, state crop for which Legume Aid is desired.

Lime, Agricultural Hydrated. Corrects acid conditions of the soil, and at the same time is a plant-food. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$2.50; 500 lbs. \$10.50; ton \$27.50.

Sheep Manure. A pure, natural, nutritious, pulverized manure that is immediate and lasting in effect. 5 lbs. 40 cts.; 10 lbs. 75 cts.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.00; 500 lbs. \$18.00; ton \$55.00.

Stim-U-plant. Fertilizer in tablets. These may be placed in the soil around plants, in flower pots, or dissolved in water for a liquid fertilizer. 30 tablets 30 cts.; 100 tablets 75 cts.; 500 tablets \$2.50; 1000 tablets \$3.50.

Nikofood. A tobacco-base fertilizer. Applied in the fall it discourages many soil-pests, such as beetles, ants, cutworms and snails. A slow-acting fertilizer, rich in potash. 1 to 1½ lbs. per square yard. 50 lbs. \$3.00; 100 lbs. \$5.00; 500 lbs. \$22.00; ton \$65.00.

Humus, Peat Moss, Leaf-Mold, Etc.

Mulch-o-nure. Mixture of tobacco, peat, and plant-foods. Spread 1 inch thick around roses, grapes, shrubs, lilies, etc. Keeps roots cool, retains moisture, deters insects. 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$65.00.

Humus. A soil-ingredient, improving its texture and water-holding properties. 100 pounds will cover 80 square feet 1 inch deep. Shipped in bags. 10 lbs. 50 cts.; 50 lbs. \$1.50; bag (100 lbs.) \$2.50; 5 bags (500 lbs.) \$11.00; 20 bags (1 ton) \$30.00.

Leaf-Mold. Used for rhododendron beds and as an ingredient in potting soil. Bag (100 lbs.) \$4.00; ton (in bags) \$60.00.

Peat Moss. When mixed with soil it absorbs moisture and holds it for the plants. As a mulch around the roots of plants it is excellent. Large bale, 12 cubic feet (22 bus.), \$3.75; in lots of 5 bales, \$18.00; in lots of 10 bales, \$34.50. Small sample bale (2 bus.) \$1.25.

All organic plant-food. A mixture of spent manures with peat moss; air-dried. For new lawns use 50 to 150 pounds per 1000 square feet raked under prior to seeding. On old turf apply from 50 lbs. \$3.00; 100 lbs. \$5.00; 500 lbs. \$22.50; ton \$60.00.

To fine screened soil, we add mushroom manure, humus and sand. Excellent for top-dressing lawns, allowing 500 pounds or more per 1000 square feet. Ideal for filling window-boxes, flower pots, greenhouse benches and for city gardens. In bags, 25 lbs. \$1.00; 100 lbs. \$3.00; 500 lbs. \$10.00; ton \$25.00. In bulk, three tons (minimum quantity), \$14.50 per ton; 4 to 9 tons, \$13.00 per ton; over 10 tons, \$11.75 per ton.

Sawco Chrysanthemum Food. (An old English formula.) All organic; not immediately soluble. A plant-food for chrysanthemums, pelargoniums, cinerarias, and many other greenhouse plants. Most valuable for the above plants when mixed with the soil before potting. Mix 5 pounds to a wheelbarrow load of soil. Follow with occasional light top-dressings and water. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$6.00.

Peat, Osmundi. For orchid-growing. Bag \$5. **Moss, Sheet, Natural.** Bag (10 lbs.) \$5.00. **Moss, Dry Sphagnum.** Large bale \$4.00.

Salt Hay. Ideal winter covering for plants. Large bale \$3.00; 5 bales, \$2.50 per bale.

Steriloam. Specially prepared sterilized soil for use in pots or seed-pans. 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.

Florida Humus. A decayed vegetative mold from underwater deposits. Full of life-giving organic matter and absolutely free from weed seeds. Air-dried. Light, clean, fluffy and odorless. Packed in boxed bales. 100 lbs. \$3.00; 200-lb. bale \$5.00; 1000 lbs. \$25.00; ton \$45.00.

The Root-Forming Chemicals

Hormodin "A" Liquid. A root-forming chemical that stimulates rapid root-growth on cuttings, either hard wood or soft wood. 5-cc. pkg. (sufficient for 150 to 600 cuttings) 50 cts.; 15-cc. pkg. (sufficient for 450 to 1800 cuttings) \$1.00; 60-cc. pkg. (sufficient for 1800 to 7200 cuttings) \$2.50.

Hormodin "B" Powder.

No. 1 (for most house and greenhouse plants such as carnations, chrysanthemums, roses, poinsettia, geraniums, etc.). 1 ¾-oz. jar 50 cts.; 1 lb. \$3.00.

No. 2 (for shrub cuttings). 1 ¾-oz. jar 75 cts.; 1 lb. \$4.50.

No. 3 (for cuttings of evergreens and hardwood trees, and also bulbs). 1-oz. jar \$1.00; ½ lb. \$4.50.

Combination package of Hormodin Powders No. 1, No. 2, and No. 3, 1 oz. complete in an envelope, 75 cts.

Rootone. A hormone powder. For rooting cuttings and dusting seeds and soil. Place cuttings and seeds in powder and plant them. Speeds rooting, produces healthy plants and controls damping-off. Pkt. (sufficient for 400 cuttings) 25 cts.; 2-oz. jar (treats up to 3000 cuttings) \$1.00; 1 lb. jar (treats up to 25,000 cuttings) \$5.00.

Remedies for Insects and Fungus

NOTE: On orders for Insecticides and Fungicides over \$2.00 in value (with exception of 30 and 50-gal. drums and items not listed in our Catalogue) we prepay to points within 50 miles of New York City. If value of order is \$2.00 or less, or if shipment is made beyond 50 miles of New York City, customer pays transportation charges on arrival. We send by express items not mailable.

Ant Bait. Jelly form. Press tube and allow from $\frac{1}{8}$ to $\frac{1}{4}$ inch of the jelly to rest on side of ant-hill. In the home, from $\frac{1}{4}$ to $\frac{1}{2}$ inch may be spread on floor, shelf, cupboard, or wherever they are. 1-oz. tube 35 cts.; 3-oz. tube 85 cts.; 8-oz. tube \$1.75.

Ant-Killer Dolco Powder. Scientifically perfect; it acts slowly. 3-oz. can 30 cts.; lb. \$1.00.

Arsenate of Lead, Powder. For chewing insects. $\frac{1}{2}$ lb. 25 cts.; lb. 40 cts.; 4 lbs. \$1.00; 24 lbs. \$4.35; 100 lbs. \$14.00. (Not mailable.)

Black Leaf 40. 40% nicotine. A concentrated solution of nicotine sulphate and an excellent spray for aphis and sucking insects of all kinds. Oz. 35 cts.; 5 ozs. \$1.00; lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$5.85; 10 lbs. \$10.60.

Borerkil. A preparation in jelly form for killing borers in stems. Large tube 60 cts.

Cyanogas (A) Dust. For outside use in killing rats, moles, woodchucks, gophers, and ground squirrels. $\frac{1}{2}$ lb. 45 cts.; lb. 75 cts.; 5 lbs. \$3; 25 lbs. \$10; 100 lbs. \$25. Gun for applying same, \$1.25.

Cyanogas (G) Fumigant. For greenhouse, mushroom, and soil-fumigation. Scatter over the greenhouse walks and close the house for the night. 5 lbs. \$3; 25 lbs. \$10; 100 lbs. \$25. (Not mailable.)

Dual Fix Nicotine Dust. A dust for dahlia and corn borer. Lb. 50 cts.; 5 lbs. \$2.00.

Fish-Oil Soap. For mild forms of scale. An excellent summer spray when something stronger cannot be used, where the San José scale exists. It is good for washing off lemon trees, oleanders and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Lb. 30 cts.; 5 lbs. \$1.25; 25 lbs. \$4; 100 lbs. \$13.

Fungtrogen. For mildew and black-spot. $\frac{1}{2}$ pt. 75 cts.; pt. \$1.25; qt. \$2.00; gal. \$6.00.

Gladioli Thrip Spray. A very effective spray for thrips on sheaths of plants during growing season. One pound makes 10 gallons of spray. Lb. 75 cts.; 5 lbs. \$3.00.

Hortex. The new Rotenone contact and stomachic insecticidal dust combined with colloidal sulphur to preserve it and lengthen the period of insecticidal efficiency. It is non-poisonous. Used for the control of many fungous diseases and chewing and sucking insects. Contains 1 per cent Rotenone. Lb. 50 cts.; 5 lbs. \$2.00; 25 lbs. \$8.00; 100 lbs. \$27.50.

Kilmdead Plant Spray. An insecticide and plant-wash. Excellent for outdoor plants such as roses, chrysanthemums, and evergreens. Also invaluable for the most tender plants under glass. Tones up foliage and surprisingly improves the appearance of the plant. Very effective and safe to use. $\frac{1}{2}$ pt. 40 cts.; qt. \$1.00; gal. \$3.00; 5 gals. \$10.00; 30 gals. \$55.00; 50 gals. \$85.00.

Lemon-Oil Insecticide. For mealy bug, thrip, red spider. Qt. \$1.00; gal. \$3.00.

Lime-Sulphur, Concentrated. For destroying San José scale. One gallon makes ten gallons of spray; dilute with cold water. Qt. 50 cts.; gal. can \$1.25; 5-gal. can \$3.50; 30-gal. bbl. \$10; 50-gal. bbl. \$14.

Lime-Sulphur, Dry. A very effective dormant spray for fruit and shade trees. Lb. 40 cts.; 5 lbs. \$1.50; 10 lbs. \$2.50; 25 lbs. \$5.00.

Declare chemical warfare on moles, rats, gophers, woodchucks, hornets, and wasps. Non-poisonous, non-injurious to vegetation, harmless to humans and pets. Molefume liberates a smoke causing instantaneous death by suffocation in the runways. Simply ignite black end of cartridge and set horizontally in runway, covering lightly with sod or soil. One cartridge to every 15 to 25 feet, depending on infestation. To prevent the return of rodents in places which have been cleared, you can also use Molefume in the holes located in hedges and the margins of cultivated fields. Individual cartridges 20 cts. each; box (6 cartridges) 90 cts.; 5 boxes \$4.25; 10 boxes \$8.00.

Mo Lo. Clears a lawn of moles and field-mice in a few nights. Punch a hole in the top of the run, drop in one pellet and cover lightly; repeat every 8 feet. Mo Lo is poisonous—wear gloves. Pkg. 35 cts.; doz. \$3.50; lb. (1,250 tablets) \$18.00.

Naphthalene Flakes. After setting bulbs, sprinkle lightly with flakes and cover with soil. Protects bulbs against ravages of moles and field-mice. Lb. 25 cts.; 5 lbs. \$1.00; 25 lbs. \$4.25; 100 lbs. \$15.00.

Nico-Fume Liquid. 1-lb. can \$2.25; 4-lb. can ($\frac{1}{2}$ gal.) \$5.75; 8 lbs. (1 gal.) \$10.00; 40-lb. drum \$40.00.

Nico-Fume Paper. Box of 24 sheets \$1.25; box of 144 sheets \$4.50.

Nico-Fume Tobacco Powder. $\frac{1}{2}$ lb. 45 cts.; lb. 75 cts.; 5 lbs. \$3.35; 10 lbs. \$5.85.

Para-Dichlorobenzene. Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. Lb. 60 cts.; 5 lbs. \$2.50; 10 lbs. \$4.00.

Red Arrow Garden Spray. Absolutely non-poisonous to children or pets but deadly to insects. Will positively not burn, blight, or stain the tenderest leaf or flower. Fatal to both chewing and sucking insects. Oz. 35c.; 4 ozs. \$1.00; pt. \$2.85; qt. \$5.40; gal. \$14.00.

Rotene Insect Spray. A concentrated, non-poisonous, rotenone-pyrethrum spray with penetrant. Harmless to all fruits, vegetables, and flowers, as well as humans and animals. Very effective against all chewing and sucking insects. Does not require the addition of soap. Oz. 35 cts.; 4-oz. bottle \$1.00; pt. \$2.00; qt. \$3.50; gal. \$10.00.

Scalex. For scale, leaf-roller, pear psylla when plants are dormant; for white fly, young scale, and aphis in summer. Do not use as a summer spray on stone fruits. Qt. 50 cts.; gal. \$1.25; 5 gals. \$5.00; 10 gals. \$9.00; 30 gals. \$13.75; 50 gals. \$20.00.

Scalcide. Used for the destruction of the San José scale. Dilute at the rate of one gallon to twenty gallons of water. Qt. 65 cts.; gal. \$1.55; 5 gals. \$5.50; 10 gals. \$9.50; 15 gals. \$13.25; 30 gals. \$21.00; 50 gals. \$29.00.

Selocide. For red spider. Gal. \$3.50.

Semesan. A mercuric disinfectant. A remedy for the malignant grass disease called "brown-patch." Also used in the treatment of seeds, bulbs, and plants. Preserves seeds against rotting in soil and generally speeds and increases germination. 2 ozs. 35 cts.; lb. \$2.25; 5 lbs. \$9.90; 25 lbs. \$45.50; 100 lbs. \$171.10.

Senoled. A compound of lead arsenate for grub-proofing lawns and gardens. Will destroy Japanese beetles, wireworms, cutworms, maggots, and earthworms. Discourages crab grass and other weeds in lawn. This preparation also contains colloidal phosphate, the properties of which tend to hold lead arsenate in the soil and delay its loss through leaching, and, in addition, feeds the growing plants. 5 lbs. \$1.50; 25 lbs. \$3.00; 100 lbs. \$8.00; 500 lbs. \$35.00; ton \$125.00.

Sofyne Liquid Soap. Recommended to be used with Black Leaf 40, Red Arrow, and Ever Green. Acts as a spreader and increases killing power of spray. Sofyne Soap immediately emulsifies when mixed with water. Will not clog sprayer. 5-oz. bottle 20 cts.; qt. 50 cts.; gal. \$1.50; 5 gals. \$6.50; 10 gals. \$10.00.

Styptic. To prevent bleeding of vines after pruning. Bottle \$2.00.

Sulphur. Used principally in greenhouses for checking mildew. Lb. 25 cts.; 5 lbs. \$1.00; 10 lbs. \$1.60; 25 lbs. \$3.50; 100 lbs. \$12.00.

Trip Juice (Hammond's). Very effective against aphis, red spider, mealy bug, etc. Qt. \$1.25; gal. \$4.80.

Thripco. A fumigant insecticide for the control of gladiolus thrips. Kills both thrips and eggs. Thripco releases a gas very deadly to this pest and results in complete kill. Use as a dust at the rate of one pound to 1,000 corms. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$6.00; 50 lbs. \$10.00; 100 lbs. \$15.00.

Tobacco Dust (Kilmdead). Best of the Tobacco Dusts for dusting or fumigating. Lb. 25 cts.; 5 lbs. 75 cts.; 25 lbs. \$2.00; 100 lbs. \$6.00.

Tobacco Stems. Used for fumigating and for placing under benches in greenhouses. Bale of about 100 lbs. \$4.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 6 ozs. 35 cts.; lb. 70 cts.; 5-lb. can \$3.30; 10-lb. can \$6.25; 25 lbs. \$13.00.

Tree Wound Paint. Prevents decay. A residuum, penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding. Pt. 35 cts.; qt. 65 cts.; gal. \$1.75; 5 gals. \$7.00; 10 gals. \$13.00; 30 gals. \$37.50; 50 gals. \$42.00.

Vermol. For earthworms in lawns, turf courts, and putting greens. Non-poisonous, harmless to birds and animal life. Sold in powder form. Apply at the rate of $\frac{1}{2}$ lb. per sq. yd. and flood greens immediately. Best results are obtained on warm damp days. 5 lbs. 75 cts.; 25 lbs. \$2.25; 100 lbs. \$6.00.

Volck. A spray for scale insects, mealy bugs, white flies, red spiders, rust mites, and similar insects. Qt. 75 cts.; gal. \$2.00; 5 gals. \$7.50.

Wilson's O. K. Plant Spray. A contact insecticide for aphis, etc. Gal. \$3.00; 5 gals. \$12.00; 25-gal. bbl. \$50.00; 50-gal. bbl. \$90.00.

X-L-ALL Liquid Insecticide. Destroys mealy bug, scale, thrip, red spider, green and black fly, caterpillars, blight and all insect pests in the garden; it is perfectly safe to use on tender plants. Qt. \$3.50; gal. \$9.50.

Rodopell. Protects bulb-plantings against ravages of rats, mice, moles, and other destructive rodents. It is not a poison and does not kill the rodents, but drives them away from the plantings. A heaping tablespoonful around each bulb is sufficient protection. For small plantings, drop a pinch of Rodopell in the bottom of the hole and set the bulb, then cover with soil and scatter a little around to ring it. *In powder form only.*

2-gal. pkg. (sufficient for 100 bulbs)	\$2 00
5-gal. pkg. (sufficient for 250 bulbs)	3 75



Molefume liberates a smoke causing instantaneous death by suffocation in the runways. Simply ignite black end of cartridge and set horizontally in runway, covering lightly with sod or soil. One cartridge to every 15 to 25 feet, depending on infestation. To prevent the return of rodents in places which have been cleared, you can also use Molefume in the holes located in hedges and the margins of cultivated fields. Individual cartridges 20 cts. each; box (6 cartridges) 90 cts.; 5 boxes \$4.25; 10 boxes \$8.00.

Mo Lo. Clears a lawn of moles and field-mice in a few nights. Punch a hole in the top of the run, drop in one pellet and cover lightly; repeat every 8 feet. Mo Lo is poisonous—wear gloves. Pkg. 35 cts.; doz. \$3.50; lb. (1,250 tablets) \$18.00.

Naphthalene Flakes. After setting bulbs, sprinkle lightly with flakes and cover with soil. Protects bulbs against ravages of moles and field-mice. Lb. 25 cts.; 5 lbs. \$1.00; 25 lbs. \$4.25; 100 lbs. \$15.00.

Nico-Fume Liquid. 1-lb. can \$2.25; 4-lb. can ($\frac{1}{2}$ gal.) \$5.75; 8 lbs. (1 gal.) \$10.00; 40-lb. drum \$40.00.

Nico-Fume Paper. Box of 24 sheets \$1.25; box of 144 sheets \$4.50.

Nico-Fume Tobacco Powder. $\frac{1}{2}$ lb. 45 cts.; lb. 75 cts.; 5 lbs. \$3.35; 10 lbs. \$5.85.

Para-Dichlorobenzene. Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. Lb. 60 cts.; 5 lbs. \$2.50; 10 lbs. \$4.00.

FALL PLANTING OF ROSES

is Desirable, Allows Plants to Become Well Established and Produce the Maximum of Bloom the Following Year Delivery, November 1



Etoile de Hollande



Radiance



Pres. Herbert Hoover



Red Radiance



Mrs. E. P. Thom



Mme. Jules Bouche



Talisman



McGredy's Scarlet



Hinrich Gaede



Mrs. Pierre S. du Pont



Miss Rowena Thom



Golden Dawn

Any of the above 12 varieties, extra-strong dormant plants, 90 cts. each; \$2.50 for 3; \$9 per doz.; \$65 per 100

COLLECTION OFFER B: One each of above 12 varieties \$8.50

10 TESTED AND PROVEN NEWER ROSES

Crimson Glory. Pat. 105. Rich red, shaded black. Fine form. Splendid fragrance. Generous bloom. \$1.25 each; \$12.50 per doz.

Dicksons Centennial. Pat. 223. A peony-like bloom of rare dusky crimson. Haunting fragrance. \$1 each; \$10 per doz.

Glowing Carmine. Shapely long-lasting flowers of real carmine. Unusual bloom on fine plants. \$1 each; \$10 per doz.

Glowing Sunset. Pat. 104. Orange-yellow and rose-pink blended in a big informal bloom. Outstanding. \$1 each; \$10 per doz.

Golden State. Pat. 303. Golden buds open to clove-scented blooms of buff veiled with salmon. \$1.50 each; \$15 per doz.

Mme. Joseph Perraud. Nasturtium-buff, shading to pink at edges of petals. A great garden Rose. \$1 each; \$10 per doz.

Pink Dawn. Large, fragrant flowers of sparkling pink. Sturdy, upright plants. \$1 each; \$10 per doz.

Poinsettia. The first double Rose of real scarlet. A beautiful brilliant Rose. \$1.25 each; \$12.50 per doz.

R. M. S. Queen Mary. Pat. 249. Perfectly formed blooms of lively warm pink on long stems for cutting. \$1.50 each; \$15 per doz.

The Doctor. Immense, fragrant flowers of satiny pink. The largest and loveliest of all pink Roses. \$1 each; \$10 per doz.

COLLECTION OFFER A: One each of the 10 Novelties \$9.75

6 CLIMBING ROSES

Dr. W. Van Fleet. Lovely flowers of delicate pink. Strong growth. 90 cts. each; \$9 per doz.

Golden Glow. Pat. 263. Semi-double blooms of pure bright yellow. \$1 each; \$10 per doz.

Mary Wallace. Large flowers of clear rose-pink. 90 cts. each; \$9 per doz.

New Dawn. Pat. 1. Flesh-colored, double flowers right up to frost. \$1.50 each; \$15 per doz.

Paul's Scarlet Climber. Double flowers of brilliant red in masses. 90 cts. each; \$9 per doz.

Silver Moon. Large blooms of creamy white. Fragrant. 90 cts. each; \$9 per doz.



Mr. J. W. Johnston, Horticultural Editor of the *Herald Tribune*, states, "If one single piece of advice were asked as to how to win a garden competition prize, the answer would be, 'First get a good lawn.'" Here is an excellent Staigreen Lawn.

Staigreen LAWN SEED

Best on Earth Since 1912

STAIGREEN is a modern seed mixture that makes a good lawn. In it are fine, strong, and permanent varieties, of high purity and high germination; all are as free from seeds of harmful weeds as modern machinery can make them. **STAIGREEN** contains no crab-grass (guaranteed).

The time-tested **STAIGREEN** formula is the result of years of experimenting and practical sowing on all types of soil. With it, many of the best lawns in the northern United States have been built. Under favorable conditions it will produce a deep-rooted turf, luxuriant, thick, and rich emerald green, from early spring to early winter.

Chewing's Fescue is an important ingredient in the Staigreen formula. Being deep-rooted, and a robust grower in the heat of summer, it imparts to Staigreen a definite resistance to chinch-bug injury, drought, and summer scald.

Autumn-Made Lawns Are Best

Fall is also the most favorable time for renovating. Seed sown from August 15 to October 15 invariably grows well; thicker turf develops quickly under the influence of autumn rains and cool nights. You will have fewer weeds.

PRICES OF STAIGREEN

Lb. (Sifter-Top Container).....	\$0 65
2½ lbs.....	1 55
5 lbs.....	3 00
12½ lbs.....	7 00
25 lbs.....	13 50
100 lbs.....	50 00

Pamphlet "How to Build a Permanent Lawn" free in every package

OTHER GOOD LAWN MIXTURES

	Lb.	2½ lbs.	5 lbs.	12½ lbs.	25 lbs.	100 lbs.
All-Bent Lawn Formula. For lawns of the finest texture and for bowling greens.....	\$1 10	\$2 65	\$5 00	\$12 00	\$22 50	\$85 00
S. & W. Co.'s Creeping Bent Seed. Pure seed of the finest of turf grasses.....	1 50	3 65	7 25	17 25	33 50	
Urban Formula. For turf in the city	50	1 15	2 25	5 50	10 50	40 00
Southern Formula. For lawns in the South	55	1 30	2 50	5 75	11 00	40 00
Seashore Lawn Formula. For lawns subject to the influence of salt spray.....	65	1 55	3 00	7 00	13 50	50 00
N. J. Formula No. 1 (with clover). Standard Lawns.....	60	1 45	2 75	6 25	12 00	42 50
N. J. Formula No. 1a (without clover). Standard Lawns	60	1 45	2 75	6 25	12 00	42 50
N. J. Formula No. 2. For Finest Quality Lawns.....	75	1 80	3 50	8 25	16 00	60 00
N. J. Formula No. 3. For shaded lawns.....	80	1 90	3 75	8 50	16 50	65 00
N. J. Formula No. 4. For poor, shaly or sandy soils.....	70	1 70	3 35	8 00	15 50	57 50
	Lb.	2½ lbs.	5 lbs.	10 lbs.	20 lbs.	100 lbs.
Shady Place Lawn Seed. For lawns under trees.....	\$0 75	\$1 80	\$3 50	\$6 50	\$12 75	\$60 00
Terrace Sod Grass Seed. For terraces, hillsides and embankments.....	70	1 65	3 25	6 00	11 50	52 50
Greenwood Formula. For cemeteries, parks, and campus	45		2 00	3 85	7 25	32 50
High-Grade Lawn Seed. For low-cost lawns and campus (contains clover).....	\$0 45	4 qts.	8 qts.	½ bus.	Bus.	5 bus.
	Qt.	\$1 45	\$2 75	\$4 50	\$8 50	\$40 00

THE ABOVE PRICES INCLUDE DELIVERY TO YOUR HOME

HOW TO MAKE A GOOD LAWN

Dig 4 to 6 inches deep, but do not bring subsoil to the surface; add extra soil to poor land. Broadcast *Sawconure at the rate of 50 to 150 pounds per 1000 square feet, or *Emerald Grass Fertilizer at 50 pounds per 1000 square feet. Better still, apply both these materials. Rake smooth and sow Staigreen or other grass seeds. For average lawns you need 5 pounds of seed for each 1000 square feet, but sow 10 pounds of Terrace Sod Formula on this area, and only 2½ pounds of Bent, if either of these seeds is selected. Rake very lightly.

Best season for lawn-making is late summer and fall. Winter seeding, even on snow, is practical. Lawns made in late spring and summer usually need renovating in the fall.

*Offered on page 34

Quantity of Seed to Purchase

	Sowing New Lawns Lbs.	Renovating Old Lawns Lbs.
200 sq. feet.....	1	½ to ¾
1000 sq. feet.....	5	2½ to 4
Acre.....	200	75 to 125

These amounts will give satisfactory results under average conditions, but if time is not important, and if your soil is good and rich, they may be reduced.

They are sometimes doubled by experienced turf-makers, especially on sloping land.

GRASS MIXTURES FOR ATHLETICS

GENERAL SPORTS

Bowling Green Formula. A mixture of fine Bent grasses. Lb. \$1.45; 5 lbs. \$6.85; 25 lbs. \$32.50.

Touchdown Formula. For football. 5 lbs. \$3.25; 25 lbs. \$14.00; 100 lbs. \$52.50.

West Side Formula. For tennis and croquet. Lb. 75 cts.; 2½ lbs. \$1.80; 5 lbs. \$3.50; 12½ lbs. \$7.50; 25 lbs. \$14.50; 100 lbs. \$55.00.

Hurlingham Sports Formula. A tough grass for athletic sports, polo, baseball, football. Lb. 70 cts.; 2½ lbs. \$1.65; 5 lbs. \$3.25; 12½ lbs. \$7.50; 25 lbs. \$14.00; 100 lbs. \$52.50.

Airport Formula. A formula of exceedingly tough, deep-rooting, soil-binding grasses for landing-fields and runways. Superfine quality, 100 lbs. \$45.00. Fine quality, 100 lbs. \$30.00.

Racetrack Formula. A special blend of grasses. 100 lbs. \$30.00.

Grass Seed Prices include delivery anywhere in U. S. A. They are subject to market changes

GENERAL LIST OF VARIETIES

Agrostis Varieties or Bents

	Wt. per bus. lbs.	Lb.	10 lbs.	100 lbs.
“Triple A” Bent (<i>A. capillaris</i>). A true Creeping Bent.....	32	\$1 45	\$13 50	\$125 00
Seaside Bent, Coos Co. Strain (<i>A. palustris; A. maritima</i>).....	36	1 45	13 50	125 00
Rhode Island or Colonial Bent, Domestic grown (<i>A. tenuis</i>).....	32	1 30	12 00	110 00
Colonial Bent (<i>A. tenuis</i>). Superfine quality.....	32	1 55	14 50	135 00
Creeping Bent, South German (<i>Agrostis</i> species; Fiorin; Mixed Bents). Recleaned quality	18	1 65	15 50	145 00
Superfine quality. (Specialists' stock.)	24	1 80	17 00	160 00
Astoria Bent (<i>A. tenuis var.</i>).....	32	1 15	10 50	95 00
Velvet Bent, “Sawco Strain”	5 50	50 00		
Redtop (<i>A. alba</i>). Recleaned quality	32	45	4 00	32 50
Superfine quality. (Specialists' stock.)	36	50	4 50	37 50
Unhulled quality.....	18	35	3 00	22 50

Poa Varieties or Meadow Grasses

Canadian Blue Grass (<i>P. compressa</i>).....	24	60	5 50	45 00
Kentucky Blue Grass (<i>P. pratensis</i> ; June Grass). Recleaned quality	23	60	5 25	42 50
Superfine quality. (Specialists' stock.)	30	65	5 75	47 50
Shade Blue Grass, Bird Grass or Rough-stalked Meadow Grass (<i>P. trivialis</i>).....	26	80	7 50	65 00
Wood Meadow Grass (<i>P. nemoralis</i>).....	20	1 20	11 00	100 00
Annual Blue Grass (<i>P. annua</i>).....	20	85	8 00	

Festuca Varieties or Fescues

Hard Fescue (<i>F. duriuscula</i>).....	20	75	7 00	60 00
Red Fescue, Chewing's N. Z. (<i>F. rubra fallax</i>). Imported.....	30	1 05	9 50	85 00
Red Fescue, Chewing's Strain . U. S. grown.....		1 10	10 00	90 00
Red Fescue, European (<i>F. rubra</i>).....	27	85	7 50	65 00
Red Fescue, Chewing's Strain 53-27. Deeper rooting; stronger vitality...		1 15	10 50	95 00
Creeping Red Fescue . (True strain.)	30	1 25	11 50	105 00
Sheep's Fescue (<i>F. ovina</i>).....	20	70	6 50	55 00
Fine-leaved Sheep's Fescue (<i>F. tenuifolia</i>).....	22	1 20	11 00	100 00
Various-leaved Fescue (<i>F. heterophylla</i>).....	15	80	7 00	60 00
Meadow Fescue (<i>F. pratensis</i>).....	27	45	3 75	27 50

***Lawnspread.** A complete dressing in dry powder form. High-quality grass seeds **mixed** with approved grass foods and screened, sterile compost. In the mixture also are insecticides and fungicides.

As a tonic for any Lawn, broadcast one unit on each 20 feet by 20 feet at any time. Use every month on crab-grass, grub-infested lawns, or on brown-patch infested lawns.

To renovate Thin or Bare Turf, roughen the surface and broadcast one unit on each 10 feet by 20 feet.

FOR GOLF

Standard Putting-Green Formula. For 5 lbs. dry, light soils.....	4 50	\$18 50	\$70 00
Special Putting-Green Bent Formula. For well-prepared, rich soils.....	5 00	21 00	80 00
Fairgreen Formula (with Bent). Superfine Quality.....	3 25	13 00	47 50
Fairgreen Formula, Standard.	2 50	10 00	35 00
Problem Fairway Formula. Resistant to drought, heat, and chinch-bug.....	3 75	16 50	60 00
Irrigated Fairway Formula. For use where the soil is kept moist with modern watering system.....	4 00	17 50	65 00
Special Divot Formula. Always keep a bag in stock.....	3 25	14 00	50 00
Special Formula for Tees.	3 00	12 00	42 50
Special Rough Formula.	2 50	10 00	35 00
Mixed Fescues for Bunkers.	3 50	14 50	55 00



Bowling Green at Skytop Lodge, Pa. Grass Seeds and Fertilizers supplied by Stumpp & Walter Co.

Lolium Varieties or Rye Grasses

	Wt. per bus. lbs.	Lb.	10 lbs.	100 lbs.
English Rye Grass (<i>L. perenne</i>).....	28	\$0 35	\$3 25	\$25 00
Pacey's Perennial Rye Grass (<i>L. perenne Pacevi</i>).....	30	40	3 50	27 50
Italian Rye Grass (<i>L. italicum; L. multiflorum</i>).....	22	35	3 00	20 00
Domestic Rye Grass	25	30	2 50	15 00
Svalof Rye Grass. (Victoria Strain).....	28	50	4 50	35 00
Kentish Rye Grass	30	55	5 00	40 00

Sundry Varieties

Awnless Brome Grass (<i>Bromus inermis</i>).....	50	4 50	35 00
Bermuda Grass (<i>Cynodon dactylon</i>).....	60	5 50	45 00
Hulled seed.....	45	75	60 00
Carpet Grass (<i>Axonopus compressus</i>).....	55	5 00	40 00
Crested Dog's-tail (<i>Cynosurus cristatus</i>).....	30	6 00	50 00
Crested Wheat Grass (<i>Agropyron cristatum</i>).....	75	7 00	60 00
Meadow Foxtail (<i>Alopecurus pratensis</i>).....	10	1 00	9 50
Orchard Grass (<i>Dactylis glomerata; Cocksfoot</i>).....	14	45	4 00
Akaroa Strain Orchard Grass	18	95	8 50
Poa bulbosa (Bulbous Blue Grass).....	1 10	10 00	90 00
Sweet Vernal (<i>Anthoxanthum odoratum</i>).....	1 40	13 50	125 00
Tall Oat Grass (<i>Avena elatior; Arrhenatherum elatius</i>).....	14	60	5 50
Timothy (<i>Phleum pratense</i> ; Herd's Grass).....	45	30	2 25
Aberystwyth S-50 Timothy	40	1 65	15 00
Yarrow (<i>Achillea millefolium</i>)	1 75	16 50	150 00

LAWNSPREAD

Contains mixed seeds for open and shaded areas

1 to 10 bags, \$2.00 per bag

11 to 25 bags, 1.85 per bag

Over 25 bags, 1.70 per bag

SUPER-LAWNSPREAD

Contains Coos County Bent Seeds for home putting-greens

1 to 10 bags, \$2.75 per bag

11 to 25 bags, 2.65 per bag

Over 25 bags, 2.50 per bag

We deliver Lawnspread within 100 miles of New York; to points beyond, purchaser pays transportation.

*Trade-mark Registered, Patent Pending.

Seasonable Farm Seeds

Purchaser pays transportation beyond 50 miles of New York; prices are subject to market changes

Finest Recleaned Seeds. Newest Crop. Remachined Specially for Elimination of Weed Seeds

CLOVERS AND ALFALFA

Crimson Clover. Used principally for soilng or green manuring. Valuable for restoring worn-out soils. Sow 20 lbs. to acre. Lb. 35 cts.; 10 lbs. \$3.00; 100 lbs. \$20.00.

Alsike or Swedish Clover (*Trifolium hybridum*). Hardest of all Clovers, and on rich, moist soil yields an enormous quantity of hay or pasture. Lasts many years. Sow 10 lbs. per acre when used alone. Lb. 50 cts.; 10 lbs. \$4.50; 100 lbs. \$35.00.

Ladino White Clover. A giant White Clover, good for shallow and heavy soils. Spreads rapidly. Fields with Ladino will handle more stock. Lb. \$1.60; 10 lbs. \$15.00; 100 lbs. \$140.00.

Lespedeza. For pasture, hay and lawns on poor land in warmer sections of the country. **Korean or Japan or Common.** Either variety, 1b. 35 cts., postpaid 45 cts.; 10 lbs. \$2.50; 100 lbs. \$17.50.

Red Clover, Mammoth. A larger type than the medium. Sow, if alone, 15 pounds per acre. American Seed. Lb. 60 cts.; 10 lbs. \$5.00; 100 lbs. \$42.50.

Red Clover, Medium (*Trifolium pratense*). Medium Clover. The leading variety of Clover for pastures or meadows. Sow 20 pounds per acre alone, or 15 pounds where other grass or hay crops are standing. *Hardy American-grown seed.* Lb. 60 cts.; 10 lbs. \$5.00; 100 lbs. \$40.00.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. Lb. 80 cts.; 10 lbs. \$7.50; 100 lbs. \$65.00.

Wild White Clover. (Kentish.) Genuine collected from old pasturelands. Dwarfer than White Dutch. Splendid for pasture, also suitable for lawns. Lb. \$2.50; 10 lbs. \$22.50.

Yellow Trefoil. A legume found satisfactory in pastures. Lb. 50 cts.; 10 lbs. \$4.00; 100 lbs. \$30.00.

Alfalfa, Northern-grown. For hay or forage. After the first year it can usually be cut three or four times in one season. Broadcast 25 lbs. to acre or 20 lbs. if drilled. *Our seed is hardy domestic-grown.* Lb. 65 cts.; 10 lbs. \$6.00; 100 lbs. \$50.00.

Alfalfa, Grimm. It is much hardier than ordinary kinds, enduring extremely low temperatures. May be cut with safety late in fall. A heavy yielder. Lb. 75 cts.; 10 lbs. \$7.00; 100 lbs. \$60.00.

LEGUME CULTURE. Nitrogen-fixing bacteria in jelly form. Large seed units (vetches, peas, beans, etc.), bus. 35 cts.; 2 bus. 55 cts.; 5 bus. \$1.10. Clover units, $\frac{1}{2}$ bus. 35 cts.; bus. 55 cts.; $\frac{1}{2}$ bus. \$1.10. Garden unit, 35 cts. Please state crop for which Culture is desired.

Modern Grasses for Hay or Permanent Pasture

PRICES ON THESE FORMULAS INCLUDE DELIVERY

Today there are many improvements in grasses for Pasture and Hay. Better selections are being made, and included among these and which we offer are Aberystwyth S-50 Timothy, Svalof Perennial Rye Grass, Olds Strain Creeping Red Fescue, Akaroa Orchard Grass, Kentish Rye Grass and Wild White Clover.

Timothy, Red-Top, and Red Clover have long formed the standard hay and pasture mixture for use on the American farm. It is not an ideal combination, but is inexpensive and we offer it under the heading of **Timothy-Red-Top-Clover Formula**. Where large yield and high quality are looked for, we recommend that a much wider variety than this be sown.

FORMULA A. Grasses and clovers for *loamy soils*. 40 pounds per acre.

FORMULA B. Grasses and clovers for *moist, bottom land*. 40 pounds per acre.

FORMULA C. Grasses and clovers for *orchards and shade*. 40 pounds per acre.

FORMULA D. Grasses and clovers for *poor soils*. 40 pounds per acre.

Price of Mixed Seeds for Hayfields and Pastures, formulas A, B, C, or D. Lb. 50 cts., postpaid 60 cts.; 10 lbs. \$4.50; 100 lbs. \$35.00.

FORMULA E. Grasses (no clovers); hay or pasture. 50 pounds per acre. Lb. 45 cts., postpaid 55 cts.; 10 lbs. \$4.00; 100 lbs. \$30.00.

FORMULA F. Clovers (no grasses) for pasture. 20 pounds per acre. Lb. 60 cts., postpaid 70 cts.; 10 lbs. \$5.00; 100 lbs. \$42.50.

FORMULA G. *Timothy-Red-Top-Clover Mixture.* For hay or pasture at low cost. 30 pounds per acre. Lb. 35 cts., postpaid 45 cts.; 10 lbs. \$2.75; 100 lbs. \$18.50.

For renovating, allow one-half the quantities recommended above

Cornell 1939 Formulas	Lbs. per acre	Lb.	10	100
		ppd.	lbs.	lbs.
Hay and Pasture.....	22	\$0 55	\$0 65	\$4 75
Pasture only.....	25	50	60	4 50
				35 00

Accurately compounded, but we use higher quality ingredients than specified.

WINTER SEED WHEAT AND RYE

Grown especially for seed purposes

Leap's Prolific Wheat. (Beardless.) It stools out strongly and roots deeply, each grain producing a great bunch of stalks. A large, dark red, hard Wheat which, while being a heavy yielder, is not weak in color or soft. Its heads are large; the chaff beautiful white. The glumes are close together on the head and so well closed that Wheat does not shatter badly in handling. Straw long, stiff. Leap's ripens early. Sow 1½ bus. per acre. Peck \$1.00; bus. \$3.00; 10 bus. \$28.50.

"Pennsylvania 44." (Bearded.) Grain large, hard, long berry type, plump, dark red. A popular, very hardy, bearded Wheat. Peck \$1.15; bus. \$3.75; 10 bus. \$33.50.

Certified Rosen Rye. Introduced by the Michigan Experiment Station. A great yielding variety. Rosen has the "big head" and is "full." Vigorous grower on all soils.

Certified Seed (seed that must pass a rigid test in the field and after harvesting). Peck \$1.25; bus. \$4.00; 10 bus. \$37.50. **Choice Rosen.** Pure seed-stock. Peck \$1.00; bus. \$2.75; 10 bus. \$26.00.

Mammoth White Winter Rye. Heads average 6 to 8 inches in length and are filled with large, plump, heavy grains. The straw is giant in length and strength. Of special value for cover-crop. Peck 85 cts.; bus. \$2.50; 10 bus. \$23.50.

DWARF ESSEX RAPE

Valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop." Sow 10 to 12 lbs. to an acre broadcast, 4 to 5 lbs. in drills. Lb. 30 cts.; 10 lbs. \$2.50; 100 lbs. \$15.00.

WINTER VETCH (*Vicia villosa*)

True Sand or Hairy Vetch

Extensively used as a soil-renovator or for dry or green feed in the early spring. It may be sown alone or with winter rye or oats. When sown with rye, etc., use ½ bus. to an acre, or 1 bus. if sown alone. Lb. 35 cts.; 10 lbs. \$2.50; 100 lbs. \$20.00.



BEAUTIFUL HARDY PRIMULAS



① ACAULIS, Pastel Shades

FIVE FINE PRIMULAS

		3	Doz.	
	Plants	Plants		
1. ACAULIS,	Pastel Shades.....	\$1 00	\$3 75	
2. DENTICULATA....	1 20	4 50		
3. OFFICINALIS,				
Art Shades.....	1 00	3 75		
4. JAPONICA,				
S. & W. Mixed				
Strain.....	1 20	4 50		
5. WANDA.....	1 20	4 50		

COLLECTION OFFER OF PRIMULAS

3 each above 5 Primulas (15 Plants) .. \$5.00
12 each above 5 Primulas (60 Plants) .. 18.50



② DENTICULATA



③ OFFICINALIS, Art Shades

VIOLETS

VIOLET, Frey's Fragrant
90 cts. for 3 plants; \$3.25 per doz.



VIOLET, Rosina
\$1.20 for 3 plants; \$4.50 per doz.



④ JAPONICA, S. & W. Mixed Strain



VIOLET, Snow Queen. VIOLET, Marie Louise
Each, \$1.20 for 3 plants; \$4.50 per doz. ➔



⑤ WANDA

COLLECTION OFFER: 3 each above 4 Violets
(12 plants), \$4; 12 each (48 plants), \$15

Primulas and Violets planted in fall will give you
much joy in their early bloom next spring

Stumpp & Walter Co.'s HARDY PERENNIAL and ROCK PLANTS for Fall Planting

PRICES, unless otherwise noted, 90 cts. for 3; \$3.25 per doz. Purchaser pays transportation beyond 50 miles of New York
★Dwarf plants for the Rock-garden and edging the Perennial Border

AJUGA reptans, Pink Spires. ★ Soft pink flowers in long spikes. Dark green foliage. Compact. \$1.50 for 3; \$5.50 per doz.

ALYSSUM saxatile. ★ The well-known "Basket of Gold." 1 ft. May.

ANCHUSA italicica, Dropmore. Produces a fine effect in the border with its spikes of bright blue flowers. 4 ft. July.

ANEMONE, Geant des Blanches. Large, white flowers. 3 ft. Aug.

Hupehensis. Early flowering. Rosy mauve. 15 in. Aug.

Queen Charlotte. Silvery rose. 3 ft. Sept.

Rosea superba. Large, deep rose flowers. 3 ft. Sept.

September Charm. Pink. Very free flowering. 2 ft. Sept.

Rubra. Dark red. 2 ft. Sept.

ANTHEMIS Kelwayi. Pretty lemon-yellow daisy-like flowers. 2 ft. June.

AQUILEGIA alpina. ★ A short-spurred Columbine with bright blue flowers. \$1.00 for 3; \$3.75 per doz.

Clematiflora. Distinct in petal formation, the blooms resembling clematis flowers. Delicate pastel shades of pink and blue. \$1.20 for 3; \$4.50 per doz.

ARABIS albida fl.-pl. ★ Rock-Cress. Pure white, double flowers. 9 in. May.

Rosabella. ★ Compact plant covered with delicate rose-pink flowers. 6 in. May.

Snowcap. ★ Ball-like plant covered with snow-white blossoms. 9 in. May, June. \$1.20 for 3; \$4.50 per doz.

ARENARIA verna cæspitosa. ★ Bright green mats with dainty white flowers. 4 in. May. \$1.00 for 3; \$3.75 per doz.

Verna cæspitosa aurea. ★ Yellow form. 4 in. June. \$1.50 for 3; \$5.50 per doz.

ASTER, New Dwarf Hybrids. New race of Dwarf Asters; has been well received by the gardening public. Most valuable in supplying color in the border and rock-garden. 10 in. Aug., Sept.

Countess Dudley. ★ Clear pink.

Nancy. ★ Bright rose-pink.

Victor. ★ Lavender-blue.

ASTER novi-belgi.

Alderman Vokes. Rose-pink with bluish tint. 3 ft.

Anita Ballard. Soft cornflower-blue flowers. Compact habit. 3 ft.

Blue Eyes. Lavender-blue. 3 ft. Sept.

Blue Gem. Semi-double; blue. 4 ft. Sept.

Chas. Wilson. Fine new bright red. 3 ft.

Climax, White. Large; white. 5 ft. Sept.

Little Boy Blue. Bright blue, semi-double. 1½ ft. Sept. \$1.50 for 3; \$5.50 per doz.

Mount Everest. The best white Aster for cutting on the border. 4 ft. Sept.

Royal Blue. Covered with masses of deep lavender-blue flowers. 3½ ft. Sept.

Royal Pink. Covered with masses of bright pink. 3½ ft. Sept.

Skylands Queen. Large flowers of an attractive light blue. 3 ft. Sept.

Ypres. Compact plant with rosy red flowers. 3½ ft. Sept.

Above varieties, except where noted, \$1.00 for 3; \$3.75 per doz.

AUBRIETIA. ★ Rock-Cress. For the rock-garden. April and May. 6 in.

Monarch, Mixed. ★ Full color-range.

\$1.00 for 3; \$3.75 per doz.

CAMPANULA carpatica. ★ Grows in compact tufts and bears clear blue flowers. 6 in. July. \$1.00 for 3; \$3.75 per doz.

Carpatica alba. ★ White form of above. 6 in. July. \$1.00 for 3; \$3.75 per doz.

Persicifolia alba. Snowy white bells, valuable for cutting. 2½ ft. June.

Persicifolia flore-pleno. Double flowers on long, wiry stems. Make a pleasing display during July and Aug. \$1.50 for 3; \$5.50 per doz.

Telham Beauty. Long stems and single, bell-shaped lavender-blue flowers. 4 ft. July. \$1.00 for 3; \$3.75 per doz.

CARNATION, Perpetual Large-flowering. Large flowers in many colors all summer. \$1.50 for 3; \$5.50 per doz.

CERASTIUM tomentosum. ★ Snow-in-Summer. Silvery white foliage. Mass of snow-white flowers. 9 in. Aug.

CHELONE barbata, Pink Beauty. Bright glowing shell-pink. 3 ft. Aug. \$1.00 for 3; \$3.75 per doz.

Barbata Torreyi (*Pentstemon barbatus Torreyi*). Slender flowers like red fire-crackers. Very decorative. 3 ft. Aug.

CHRYSOGONUM virginianum. ★ Ideal ground-cover for partial shade. Rich yellow flowers. 6 in. May-Aug. \$1.20 for 3; \$4.50 per doz.

COREOPSIS, Perry's Variety. A semi-double flower of golden yellow color. 2½ ft. July.

Verticillata. ★ A dwarf, compact orange-flowered perennial. Excellent for front of borders. In flower June to September.

CHRYSANTHEMUM SPECIES

Nipponicum. Shrubby plant. Pure white flowers. Late flowering. 2½ ft. Oct. \$1.00 for 3; \$3.75 per doz.

DELPHINIUMS, Super Gold Medal Hybrids, Wave Crest Blue Shades. 2-yr. plants. A very delicate strain of pale and light blues. \$1.50 each; \$16.00 per doz.

Delft Blue Shades. 2-yr. plants. True blues. \$1.50 each; \$16.00 per doz.

Salon Blue Shades. 2-yr. plants. This strain abounds in rich, dark, velvety tints. \$1.50 each; \$16.00 per doz.

Royal Art Tints. 2-yr. plants. A very desirable mixture of subtle and odd shades. \$1.50 each; \$16.00 per doz.

Super Gold Medal Hybrids. Yearling plants, 90 cts. for 3; \$3.25 per doz. 1-yr., \$1.00 each; \$11.00 per doz. 2-yr., \$1.50 each; \$16.00 per doz.

Hollyhock Strain (Wrexham). \$1.50 for 3; \$5.50 per doz.

Belladonna. Yearling plants, 90 cts. for 3; \$3.25 per doz. Large, 2-yr., \$1.00 each; \$11.00 per doz.

Belladonna, Cliveden Beauty. Bright sky-blue, large spikes. \$1.20 for 3; \$4.50 per doz.

AQUILEGIA, S. & W. CO.'S LONG-SPURRED VARIETIES

Blue Shades. 2½ ft. June.

Rose and Pink Shades. 2½ ft. June.

Scarlet Shades. 2½ ft. June.

Yellow Shades. 2½ ft. June.

S. & W. Co.'s Hybrids, Mixed.

2½ ft. June.

90 cts. for 3; \$3.25 per doz.



KNEEL AMONG YOUR PLANTS

in comfort, and without risk of catching cold; order the new waterproof KNEE PADS \$1.50 per pair

Delphinium Bellamosa. Yearling plants. **Blue Grotto.** Royal blue. Dwarf and free flowering. Very useful for cutting 1½ ft. July, Aug.

Chinensis. Ultramarine-blue. **Chinensis alba.** A white form.

Pacific Hybrids.

King Arthur Series. Royal violet. **Guinevere Series.** Light lavender-pink. **Summer Skies Series.** Clear light blue. **White Series.** Clear, glistening white. We offer vigorous plants of the above from 3-inch pots. Will bloom this year. \$1.50 for 3; \$5.50 per doz.

DIANTHUS. Pinks. Low, tufted plants with beautiful fringed and fragrant flowers so valued in old-fashioned gardens.

Beatrix. ★ Light salmon-pink. Exceptionally fine variety. Blooms from May to November. 9 in.

Her Majesty. Pure white, sweet-scented flowers. Silver-gray foliage. 1 ft. June. **New Blue.** The first and only blue Sweet William. Dark green foliage. Flowers borne profusely in 9-inch trusses. \$1.50 for 3; \$5.50 per doz.

Scotch or Florists' Pinks. Wide range of colors. Free flowering. 1 ft. June.

DICENTRA eximia. ★ Fringed Bleeding Heart. The compact plant, with finely cut leaves and racemes of rose-pink flowers, is very much admired. 1 ft. April-July. \$1.20 for 3; \$4.50 per doz.

Specabilis. The well-known Bleeding Heart. \$1.50 for 3; \$5.50 per doz.

DORONICUM. Leopard's-bane. Delights in a sunny position, producing large, yellow, daisy-like flowers in May.

Clusi. ★ Bright yellow flowers on 9-inch stems. May. \$1.20 for 3; \$4.50 per doz.

Excelsum. Handsome yellow blooms on 2-foot stems. Excellent for cutting. May.

EUPATORIUM ageratoides. Heads of pure white flowers. 2 ft. Aug.

Cœlestinum. Known as the Hardy Ageratum. Blue flowers. 2 ft. Aug.

GAILLARDIA. A plant that stands dry weather; delights in strong sun, and is useful as a cut-flower.

Mr. Sherbrook. Bright English variety with full, circular flowers of a rich golden yellow with a pale yellow center. The large, self-colored blooms, supported by stout stems above the pale green foliage, continue from early summer until late into the fall. \$1.50 for 3; \$5.50 per doz.

Ruby. A ruby-red counterpart of the above. Planted together they are very colorful. \$1.50 for 3; \$5.50 per doz.

S. & W. Co.'s Giant Hybrids. Specially selected strain. 2½ ft. June.

GEUM. Beautiful hardy perennials blooming from June to August.

Borisi. ★ Orange-red flowers continuously through the summer months. 1½ ft. July. \$1.50 for 3; \$5.50 per doz.

GYPSOPHILA. Branching plants for open situation. Desirable where a mass of misty bloom will fill in a bare space.

Bristol Fairy. Popular variety for cutting. Huge panicles of pure white flowers. 4 ft. July. 1-yr. plants from 3-in. pots, \$1.20 for 3; \$4.50 per doz. 2-yr. field-grown, 60 cts. each; \$6.50 per doz.

Paniculata. Baby's Breath. Masses of minute, pure white flowers. 2 ft. July.

HELENIUM, Riverton Beauty. Lemon-yellow. 4 ft. Aug.

Riverton Gem. Crimson shot with gold. 4 ft. Aug.

PRICES, unless otherwise noted, 90 cts. for 3; \$3.25 per doz. Purchaser pays transportation beyond 50 miles of New York

★Dwarf plants for the Rock-garden and edging the Perennial Border

HELIANTHUS, Monarch. Fine deep orange. 5 ft. Sept.

Soleil d'Or. Large, double, dahlia-like flowers of rich yellow. 4 ft. Aug. \$1.50 for 3; \$5.50 per doz.

HELIOPSIS incomparabilis. A grand plant that comes into bloom in early June and if cut back after flowering will continue to bloom until October. Large golden yellow, excellent for cutting. 2½ to 3 ft. \$1.50 for 3; \$5.50 per doz.

HELLEBORUS caucasicus. Strong-growing plant; green and white flowers. 1½ ft. Dec., Jan. \$1.00 each; \$11.00 per doz.

Niger. Christmas Rose. Very large white flowers. An ideal plant in shady nooks. Select a location where they will not be continually disturbed. Natural flowering season is from December to February. \$1.00 each; \$11.00 per doz.

HEMEROCALLIS. Day Lily. The tall, graceful, grass-like foliage sets off the charming, fragrant, lily-like flowers very effectively. We are now able to offer varieties which carry the blooming season from late May until late August. We have entered opposite each variety the dates on which they first bloom at our Perennial Farm. The season for bloom is from four to six weeks.

● **D. D. Wyman.** Large; golden yellow with brown bars. First blooms June 17. 3 ft. 50 cts. each; \$5.50 per doz.

● **Dover.** Early. Large; golden yellow. Blooms May 25. 2½ ft. 50 cts. each; \$5.50 per doz.

● **Fulva maculata.** Brownish red, orange midrib and center. First blooms June 24. 4 ft. 50 cts. each; \$5.50 per doz.

● **George Yeld.** Large; golden yellow with brown suffusion. First blooms July 1. 3½ ft. 50 cts. each; \$5.50 per doz.

● **J. A. Crawford.** Fine apricot-yellow. First blooms June 17. 4 ft. 50 cts. each; \$5.50 per doz.

● **Gypsy.** Very deep orange. First blooms June 17. 4 ft. 60 cts. each; \$6.50 per doz.

COLLECTION

One plant each of the above 6 varieties marked ●, \$2.75.

Three plants each of the above 6 varieties marked ●, \$7.50.

HOLLYHOCKS (*Althea rosea*). These old favorites, gay with color during July and August, are striking as a background for other flowers.

Exquisite Rose. New. Ruffled and fringed double flowers of old-rose with white edge.

Prince of Orange. Double flowers of a brilliant orange hue.

Triumph Hybrids. Produces flowers in a choice variety of colors on plants of branching habit growing 5 feet high.

Superb Double Hollyhocks.

Chamois Salmon-Pink

Deep Rose Scarlet

Maroon White

Newport Pink Yellow

Double, Mixed

IBERIS. Hardy Candytuft. Very desirable plant for rock- and wall-gardens, having evergreen foliage which is completely covered with dense heads of white.

Gibraltarica. ★ Seldom out of flower. Lilac color. 9 in. May.

Sempervirens, Snowflake. ★ Strong-growing variety with large heads of snow-white flowers. 15 in. May.

INULA Royleana. A very useful plant for the border, also for cutting, the color being a bright orange-yellow. 2 ft. July. \$1.50 for 3; \$5.50 per doz.

IRIS GERMANICA. These easily grown Iris need no introduction. They come in a wide range of colors that will meet all your requirements.

Alcazar. Standards of soft violet, with falls of a rich velvety crimson.

Alta California. Beautiful large yellow. 4 ft. \$1.50 for 3; \$5.50 per doz.

Ambassadeur. Standards are rosy lilac; falls rich purple.

Athene. Tall bearded white.

\$1.50 for 3; \$5.50 per doz.

Bluet. Pale blue, self colored. Early.

Bruno. Standards heliotrope, flushed bronze, with falls of rich purple.

Classic. Very large. Purple falls and lavender standards; orange beard.

75 cts. each; \$8.00 per doz.

Coppersmith. One of the best coppery red types. A very unusual color.

\$1.50 for 3; \$5.50 per doz.

Dauntless. Velvety near-red. 40 in.

\$1.20 for 3; \$4.50 per doz.

Dazzler. Deep rose; very fragrant.

75 cts. each; \$8.00 per doz.

Euphony. Fine yellow; falls flushed bluc.

3 ft. \$1.00 for 3; \$3.75 per doz.

Evolution. Tall bearded, self-colored yellow.

\$1.50 for 3; \$5.50 per doz.

Frieda Mohr. A giant-flowering pink variety.

75 cts. each; \$8.00 per doz.

Goblin Red. Ox-blood red. Quite distinct.

\$1.50 for 3; \$5.50 per doz.

Gold Imperial. Deep chrome-yellow.

Grisette. Pleasing blend of violet, old-gold, and light brown.

50 cts. each; \$5.50 per doz.

Grace Sturtevant. Rich mixture of dark red, brown, and violet-carmine, with a velvety finish on the falls.

75 cts. each; \$8.00 per doz.

Henri Riviere. An excellent flower in delicate shades of soft yellow and pale lilac-mauve. The lilac shading gives the general effect of yellow. 3½ ft.

\$1.00 each; \$11.00 per doz.

Indian Chief. Classed as one of the superior reds; it carries a bronzy overcast. Large flower, quite tall and well branched.

75 cts. each; \$8.00 per doz.

Ma Mie. White; frilled margins touched with blue.

Midgard. Fine yellow variety with a suffusion of pink.

Milky Way. Milk-white, veined light lavender. Beautiful indeed.

Mrs. Valerie West. Brown-red and crimson; large fragrant flower. 3 ft.

\$1.00 for 3; \$3.75 per doz.

Persia. Large; pale blue, with dull gold markings.

\$1.00 each; \$11.00 per doz.

Pioneer. Rich red-purple.

Princess Beatrice. Silvery blue.

Rameses. Combination of rose, pink and buff. 3 ft. \$1.00 for 3; \$3.75 per doz.

Romance. An interesting combination of rose and bronze; very fragrant. 2½ ft.

\$1.50 for 3; \$5.50 per doz.

Seminole. Velvety red-purple with a bright orange beard.

Sensation. Clear and crisp self of corn-flower-blue; extra large; perfect in every way. 4 ft. \$1.00 each; \$11.00 per doz.

Sherwin-Wright. A fine deep yellow.

Souvenir de Mme. Gaudichau. Deep rich purple.

Wedgwood. One-color flower—delicate pottery blue.

Soft DOGSKIN GLOVES

are just the thing for the garden or for working around the house. Long wrists come well up the arm. Sizes 6 1/2, 7, 8, 9, and 10. Pair \$2.75.

IRIS, Spring- and Fall-Blooming. Bloom both spring and autumn. No Iris garden is complete without them.

Autumn King. Blue-purple of good substance. 3 ft. \$1.50 for 3; \$5.50 per doz.

Autumn Queen. A very pretty white, dwarfer than the King.

\$1.50 for 3; \$5.50 per doz.

Dorcas Hutchinson. Very fragrant; deep violet self. An Iris of great merit. 1 1/2 ft. 75 cts. each; \$8.00 per doz.

Eleanor Roosevelt. Royal purple. 26 in. \$1.50 for 3; \$5.50 per doz.

Equinox. Reddish purple with darker falls. 26 in. 75 cts. each; \$8.00 per doz.

Peggy Babington. Rich clear canary-yellow. 28 in. \$1.50 for 3; \$5.50 per doz.

September Skies. Clear purple-red, excellent when planted with Golden Harvest. 16 in.

\$1.00 each; \$11.00 per doz.

IRIS, Miniature. ★ An early dwarf type, blooming along with the daffodils. Beautiful and delicate in appearance, yet especially hardy. Recommended for the rock-garden, for edging the border, or alongside the garden path.

Rose Mist. ★ Soft rose-lilac. 10 in. **Tony.** ★ Brilliant dark ruby-red. 1 ft.

IRIS Kaempferi. Japanese Iris.

Improved Varieties.

Betty Holmes. Tremendous, pure white flowers. Perfect in its purity.

\$1.00 each; \$11.00 per doz.

Malmaison. Double, bluish violet blooms suffused deep pink; white center.

\$1.00 each; \$11.00 per doz.

Violet Giant. Rich violet to rose; semi-double; frequently 27 inches in circumference. \$1.00 each; \$11.00 per doz.

White Giant. A pure white with yellow markings. \$1.00 each; \$11.00 per doz.

Standard Varieties.

Azure. Double; large; mauve-blue.

Choseidan. Double; ruby-crimson.

Gold Bound. The best white variety.

Kamata. Deep blue, veined yellow.

La Favorite. Double; white, veined blue.

Mrs. George Stumpp. Single; white.

Painted Lady. Single; purple, white center.

Pyramid. Tall. Dark violet-purple, yellow blotch.

Templeton. Double; light violet, mottled reddish pink and white.

Violet Beauty. Deep violet; single.

All Standard Iris, \$1.50 for 3; \$5.50 per doz.

LAVANDULA vera compacta nana. ★ A desirable form of Lavender. Very fragrant. Plants from 2 1/2-in. pots.

LIATRIS scariosa alba. A splendid new snow-white variety. For the border or for cutting. \$1.50 for 3; \$5.50 per doz.

Pycnostachya. Gayfeather. Long spikes of rosy purple bloom.

LUPINUS polyphyllus. Lupine. Sturdy perennials when once established. They like sunny, well-drained spots with soil that is not too rich; hate to be moved. At their best during June and July.

Blue Shades **Red Shades**
Rose Shades **Mixed Shades**

Pure White

Russell Lupins. These wonderful plants bear tremendous spikes in colors and combinations never seen before; the fruit of years of careful work. 3 to 5 ft. June, July. We offer strong, 3-inch pot-plants, \$1.50 for 3; \$5.50 per doz.

PRICES, unless otherwise noted, 90 cts. for 3; \$3.25 per doz. Purchaser pays transportation beyond 50 miles of New York

★Dwarf plants for the Rock-garden and edging the Perennial Border

LYCHNIS. *Rose Campion.* Handsome perennial plants of easy culture, making bright scarlet masses in beds or borders.

Chalcedonica. Heads of scarlet that contrast nicely with blue delphiniums.

MATRICARIA inodora plenissima. ★ *Chamomile; Feverfew.* Double; white. Good for cutting. June-Sept.

MYOSOTIS. *Forget-me-not.* Very effective when planted in a mass.

Palustris semperflorens. ★ A free, dwarf form, desirable for banks of streams or pools. 6 in. June.

NEPETA Mussini. ★ Dwarf; masses of lavender flowers. Border and rock-plant. 9 in. June.

PACHYSANDRA terminalis. ★ *Japanese Spurge.* Valuable evergreen plant producing broad mats of bright glossy green foliage. Its low habit makes it very desirable for use under trees, shrubs, or for bordering walks and drives. 6-9 in. For quick results, these should be placed 9 inches apart. Plants from 3-in. pots, 75 cts. for 3; \$2.75 per doz.; \$20.00 per 100. 2-yr. field-plants, \$15.00 per 100; \$100.00 per 1000.

PEONIES. Require deep, rich soil and an abundance of water during the growing season. They should be planted so that the eyes are barely covered (about 1 to 2 inches). The roots we offer have been grown two years from root-divisions. Two-year-old roots are recommended for spring planting, and some may produce a few blooms the first season; most of them should be in full flower the second year. Many of the following varieties received a very high rating by the American Peony Society.

White Shades, Double.

Festiva Maxima. Large flowers of feathery appearance, flecked crimson in center. 75 cts. each; \$8.00 per doz.

Katherine Havemeyer. Fine pink, tinged with gold. Very large. Highly perfumed. \$1.50 each; \$16.00 per doz.

Kelway's Glorious. (Rated 9.8 by American Peony Society.) Gleaming white, very full, enormous flowers of ravishing beauty and purity, with rosy streak on the outside of the guard petals. Sweetly scented. \$3.00 each; \$33.00 per doz.

Baroness Schroeder. Very large white flowers, tinted with light pink stripings. Fragrant. \$1.00 each; \$11.00 per doz.

Le Cygne. Cream-white, flecked greenish at the inner center. Highest rated Peony. \$2.00 each; \$22.00 per doz.

Lady Alexandra Duff. Soft creamy white; beautiful form. Perfect blooms of immense size; good texture.

\$1.50 each; \$16.00 per doz.

Solange. Broad, rounded petals, suffused with reddish gold light. Late midseason. \$1.50 each; \$16.00 per doz.

Pink Shades, Double.

Mme. Manchet. Full, cup-shaped, tinted silver. \$1.00 each; \$11.00 per doz.

Red Shades, Double.

Felix Crousse. Compact, globular, and large. \$1.00 each; \$11.00 per doz.

Francois Rousseau. Has dark silvery sheen toward base.

\$1.00 each; \$11.00 per doz.

Karl Rosenfield. Early. The flower has no equal. \$1.00 each; \$11.00 per doz.

Mme. Gaudichau. Dark crimson. Late midseason. Strong grower.

\$1.50 each; \$16.00 per doz.

PHLOX decussata. New Varieties.

Bridesmaid. White with a large crimson center. 90 cts. for 3; \$3.25 per doz.

Daily Sketch. The finest large-flowered Phlox. Blooms 2 inches across, clear pink with carmine eye. Good grower. 2 1/2 ft. August.

George Stipp. Deep glowing salmon, light eye.

Jean Darland. Best white; very large.

Mrs. Jenkins. Fine pure white, late-flowering variety.

90 cts. for 3; \$3.25 per doz.

Painted Lady. Silver-pink with red eye.

Salmon Glow. Dwarf in habit. Trusses of lively pink flowers, shaded with salmon. 2 1/2 ft. Aug.

Any of the above new varieties, unless otherwise noted, \$1.50 for 3; \$5.50 per doz.

Three Popular Sorts.

Albion. White with pink center.

E. I. Farrington. Soft salmon-pink with lighter eye. An improved Elizabeth Campbell. 2 1/2 ft. Aug.

Von Lassburg. Splendid white sort. 3 ft.

PHLOX suffruticosa, Miss Lingard. Flowers in June and continues on through summer. Large; white. 2 1/2 ft.

PHLOX, Various.

Campanula. ★ Delicate pink flowers in profusion. Upright growth. 6 in. May, June. \$1.50 for 3; \$5.50 per doz.

Divaricata Laphami. ★ Trusses of large, fragrant, lavender-blue blooms in May. One of the native wild flowers. 9 in.

PHYSOSTEGIA. False Dragonhead.

Dwarf Vivid. Rosy red blooms that last well as cut-flowers. 2 ft. July.

PLATYCODON. Balloon Flower; Japanese Bellflower. One of the best hardy perennials, producing very showy flowers during the whole season.

Grandiflorum. ★ Large, steel-blue flowers. 1 1/2 ft. Aug.

POLEMONIUM reptans, Royal Blue. ★ Interesting from a foliage as well as a flower point of view. Useful in the rock-garden or edging. 1 ft. June, July.

PAPAVER orientale. Oriental Poppy. This perennial Poppy is growing in favor with all garden lovers. To enable our customers to carry out spring planting, we offer pot-grown plants from rooted cuttings, not seedlings.

Beauty of Livermore. Flowers 9 inches in diameter, crimson-maroon.

60 cts. each; \$6.50 per doz.

Cedar Hill. One of the best yet introduced. Glowing rose-pink.

\$1.50 for 3; \$5.50 per doz.

May Queen. Pink flowers. Dwarf in habit. 2 ft. \$1.00 for 3; \$3.75 per doz.

Mrs. Perry. Salmon-rose. Early-flowering. \$1.00 for 3; \$3.75 per doz.

Perry's White. Flowers are pure satiny white with crimson-maroon blotch at base.

\$1.50 for 3; \$5.50 per doz.

Wurtembergia. Immense flowers of glowing red. \$1.50 for 3; \$5.50 per doz.

RUDBECKIA, Golden Glow. Rich yellow, double flowers for cutting. 6 ft. Aug.

Hirta Hybrids. Colors range from yellow, orange, brown, golden brown to terra-cotta tints. Very useful for cutting. These hybrids have been much admired at our Perennial Plant Farm at Farmingdale, L. I., N. Y. In flower July-Sept.

\$1.50 for 3; \$5.50 per doz.



ASTER FRIKARTI
\$1.50 for 3; \$5.50 per doz.



ARMERIA, FARMINGDALE GIANTS
\$1.20 for 3; \$4.50 per doz.



CHRYSANTHEMUM, WHITE SWAN
Double Shasta Daisy
\$1.20 for 3; \$4.50 per doz.

SANTOLINA incana. ★ *Lavender Cotton.* Low, spreading, silvery gray leaves and fragrant, yellow flowers. Small plants, 90 cts. for 3; \$3.25 per doz.

SCABIOSA. *Pincushion Flower.* Broad, circular flowers on long stems for cutting.

Caucasica, Giant Hybrids. (Isaac House Strain.) Delicate lilac and mauve predominate but pure white and several dark blues also occur. 2 ft. July. \$1.20 for 3; \$4.50 per doz.

SEDMUM. *Stonecrop.* These plants should be found in every rock-garden, and many are suitable for carpet bedding. Thrive almost anywhere.

Acre. ★ Green foliage. Bright yellow flowers. 3 in. June.

Altissimum. ★ Yellow. 6 to 8 in. July, Aug.

Balticum. ★ 3 in. June.

Beyrichianum. ★ Compact green rosettes with pink centers. A good carperer.

Dasyphyllum. ★ Rose. 3 in. June.

Lydium. ★ Pink. 2 in. June.

Middendorffianum. ★ Excellent matting variety, 4 inches high, with yellow flowers. Reddish purple foliage in autumn.

Nevi. ★ Blue-gray rosettes. 4 in. July.

Sieboldi. ★ Rose-pink. 9 in. Aug.

Spectabile, Brilliant. ★ Improved form of Spectabile. Rosy red. 1½ ft. Aug.

SEMPERVIVUM. *Houseleek.* Evergreen succulents resembling Sedums. The leaves are often brightly colored at tips.

Arachnoideum. ★ *Cobweb Houseleek.* Bright red. 6 in. Sept.

Globiferum. Pale yellow. 1 ft. Aug. **Choice Mixed Seedlings.** 9 in. Aug.

SIDALCEA candida. A charming border plant producing handsome spikes of satiny white flowers. 3 ft. July-Sept.

Stark's Hybrids. Choice strain in white, rose, and pink.

Rose Queen. Pale pink. 4 to 5 ft. July-Sept.

SILENE. *Catchfly; Campion.*

Alpestris. ★ *Alpine Catchfly.* Numerous dainty white flowers. 6 in. May-July.

Schafta. ★ *Moss Campion; Autumn Catchfly.* Very neat plant with rose-pink flowers. 6 in. July-Sept.

PRICES, unless otherwise noted, 90 cts. for 3; \$3.25 per doz. Purchaser pays transportation beyond 50 miles of New York

★ Dwarf plants for the Rock-garden and edging the Perennial Border

SPIRAEA Filipendula (*Astilbe ulmaria*). *Goat's Beard.* Suitable for borders, damp situations, and marginal ornamental water plantings. June and July.

Filipendula alba. Creamy white flowers. 2 ft.

Davidii (*Astilbe Davidi*). Variety of vigorous habit with pale pink blooms. 3 ft.

Palmeta elegans. Light pink. 3 ft.

Ulmaria fl.-pl. (Filipendula). The well-known double Meadowsweet. Creamy white flowers produced in abundance during June and July. 3 ft.

STACHYS lanata. ★ Soft silvery foliage. Spikes of purple blooms. The beauty of the plant is in the foliage. 1 ft. July.

STATICHE latifolia. *Big-leaf Sea Lavender.* Very decorative. 2 ft. Aug.

Latifolia dumosa. Bluish lavender flowers which, when dried, are pure silver. 1½ ft. Aug. \$1.20 for 3; \$4.50 per doz.

STOKESIA lilacina grandiflora. Silvery blue with a lilac suffusion at center. The flowers are often 5 inches across and can be cut with stems 18 to 20 inches long. \$1.20 for 3; \$4.50 per doz.

TEUCRIUM Chamædrys. ★ A picturesque subshrub with glossy green foliage and bright rose flowers. 1 ft. Aug.

THALICTRUM. *Meadow-Rue.* **Adiantifolium.** Foliage like the maidenhair fern. White flowers in June. 1 ft.

Glaucum. Heads of feathery yellow flowers. 4½ ft. July.

Minus. ★ Known as the Maidenhair Thalictrum. A charming dwarf plant for the rock-garden. White. 9 in.

THERMOPSIS caroliniana. Five-foot plants with yellow pea blossoms in July. **Mollis.** Yellow flowers all summer. 3 ft.

THYMUS. ★ *Thyme.* These charming, fragrant plants give a lovely carpet effect, being of dwarf, spreading habit. They prefer a dry situation.

Azoricus. ★ Green mats with rosy flowers. 4 in. June.

Lanuginosus. ★ *Woolly Mountain Thyme.* 6 in. June.

Serpyllum album. ★ Pure white. 4 in. June.

Serpyllum coccineum. ★ Crimson. 4 in. June.

TROLLIUS. *Globe Flower.* Like immense buttercups. These striking, hardy perennial plants are very effective in the mixed border.

Eleanor. Free-flowering. Pale yellow. 2½ ft. 60 cts. each; \$6.50 per doz.

Lebedouri. Siberian. Yellow flowers. 2½ ft. June. 60 cts. each; \$6.50 per doz.

TRITOMA. *Red-Hot Poker; Flame Flower; Torch Lily.*

Pfitzeri. For bedding. Surpasses canna for brilliance and gladioli as a cutter. \$1.00 for 3; \$3.75 per doz.

S. & W. Co.'s Hybrids. Full range of colors from white to burnt orange. 90 cts. for 3; \$3.25 per doz.

VERONICA. *Speedwell.* Showy and free-flowering perennials, mostly blue, native to Europe and North America.

Blue Jay. Late flowering. 3½ ft. Aug.

Filiformis. ★ Trailing evergreen. Blue flowers with white lips almost cover the foliage in early spring.

Incana nana. ★ Blue flowers. Silver foliage. 6 in. July.

Incana rosea. ★ Soft pink flowers with silvery foliage. 15 in. July.

Repens. ★ Good carperer. Covered in May and June with light blue flowers.

Spicata. Spikes of blue blooms. Can be used to follow delphinium. 2 ft. June.

True Blue. ★ Blue spikes. 1 ft. July.

VINCA. *Madagascar Periwinkle; Old Maid.* 3-4 in. May.

Alpina. Trailing evergreen. Purple. \$1.00 for 3; \$3.75 per doz.; \$27.50 per 100

VIOLA odorata. *Sweet Violet.* These hardy, cultivated Violets grow 6 inches and are covered with flowers in May.

Frey's Fragrant Single. ★ A real Violet. Ideal for picking.

Marie Louise. Large, double, lavender-blue flowers. \$1.20 for 3; \$4.50 per doz.

Rosina. ★ Dark rose-pink flowers; fragrant. \$1.20 for 3; \$4.50 per doz.

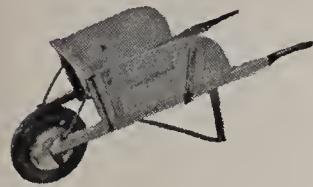
Russian Single. ★ Produces great masses of fine, large, deep purple flowers of much fragrance.

Snow Queen. Pure white flowers on long stems and very freely produced. Best white Violet we have introduced. \$1.20 for 3; \$4.50 per doz.

Miscellaneous Garden Supplies

APRONS

	Each
Light Duck with Bib.....	\$2 25
Rubber with Bib.....	2 25
Blue Denim with Bib and Pocket.....	2 00



Sawco Garden Barrow

Constructed of selected, clear-grained hardwood and finished in the natural wood, varnished, they are made light and substantial for long service. All Barrows except No. 2 with either steel or pneumatic-tired wheels.

	Front Width	SIZE OF BOX		Rear Width	Tread	Steel Wheel	Pneumatic Tire 16 x 4 in.
		Depth	Length				
No. 2	15 1/2 in.	9 in.	21 in.	18 in.	1 1/2 in.	\$7 50	
No. 4	18 1/2 in.	12 in.	26 1/2 in.	23 in.	3 in.	9 00	\$17 75
No. 5	20 in.	12 in.	28 in.	24 in.	3 in.	9 50	18 00

Galvanized Wire Hanging-Baskets

For decorating the porch, piazza, or sun-parlor.	Each	Each	
8-in.....	\$1 00	12-in.....	\$1 75
10-in.....	1 25	14-in.....	2 00



Boxes

Flower, Cardboard

	Doz.	100
No. 1. 18 x 5 x 3 in.....	\$1 50	\$6 00
No. 2. 21 x 7 x 3 1/2 in.....	2 00	7 50
No. 3. 24 x 8 x 5 in.....	2 75	12 00
No. 4. 28 x 8 x 5 in.....	3 25	13 50
No. 5. 36 x 8 x 5 in.....	4 00	17 00
No. 6. 36 x 10 x 6 in.....	5 00	22 50

Flower, Corrugated Cardboard

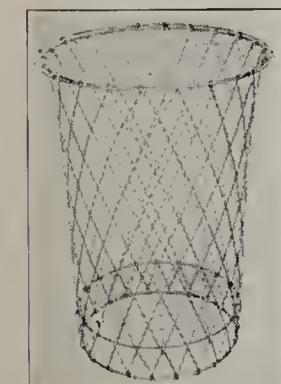
	Doz.	100
No. A. 20 x 7 x 4 in.....	\$2 00	\$12 00
No. B. 28 x 8 x 5 in.....	2 50	15 00
No. C. 30 x 12 x 6 in.....	4 25	23 00
No. D. 36 x 12 x 6 in.....	4 75	25 00
No. E. 36 x 14 x 8 in.....	5 25	27 00
No. F. 48 x 14 x 8 in.....	6 00	32 00

BULB PLANTER. Ideal for planting tulips, hyacinths, and many other fall bulbs. **Junior**, 50 cts. **Senior**, \$4.00.



BURLAP. For protecting plants.

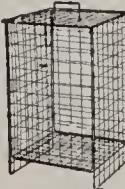
Natural color in bolts of approximately 100 yards.



PORTABLE BURNER

This handy knock-down Burner is a safeguard against many fires that have their origin in the burning of rubbish in the open. Made to give life-long satisfaction.

	Height	Each
No. 1. 15 in.	22 in.....	\$3 00
No. 2. 17 in.	29 in.....	4 00



WIRE LEAF RACK

A practical device for transporting leaves, cut grass, and litter. Can be attached readily to any wheelbarrow having removable sides. It is made of galvanized wire bolted to a wooden base; capacity about 10 bushels. Price, Rack only, \$10.00; Rack and Barrow, \$19.00.



Items on this page delivered free within 50 miles of New York City. Beyond this point customer pays transportation

S. & W. CO.'S ALL-STEEL REFUSE AND LEAF BURNER



A portable incinerator for the efficient destruction of all waste matter in the garden. Made of strong angle iron and heavy steel expanded metal netting which is fireproof and guaranteed not to burn out for years. Capacity, 16 cubic feet; size of top 36 x 48 inches; depth 24 inches. Price, \$48.50.

SAWCO STUMP INCINERATOR

A well-made cement composition Incinerator for the home, country, or estate. Strong steel grate; side opening at bottom for draft and to allow easy removal of ashes. Rustic Bark Finish. Height 3 ft.; diameter 1 1/2 ft. Price, \$13.50.



GALVANIZED RUBBISH BURNER

Perforations on all sides, top and bottom, and raised on heavy metal legs to insure perfect combustion with the minimum amount of smoke. Equipped with iron drop handles. An efficient and safe Burner.



Diameter	Height	Each
No. 1. 18 in.	28 in.....	\$5 00
No. 2. 20 in.	28 in.....	6 00

SAWCO COMBINATION SPRAYER AND FLAME GUN

Used for spraying or burning



Temperature of flame, 2000° Fahr. Burns kerosene, range oil, stove oil, coal oil, or light furnace oil. Capacity of tank, 4 gallons. Size of flame, 3 inches diameter by 30 inches long. Also comes equipped with Auto-Pop Nozzle for spraying insecticides, whitewash and disinfectants.

For burning weeds, disinfecting poultry houses, thawing frozen pipes, melting ice and snow, splitting large rocks and boulders, burning tree stumps, sterilizing infected soil, destroying weeds in stone walls, driveways, tennis courts, destroying insect pests such as grasshoppers, locusts, caterpillars, chinch bugs, etc., spraying insecticides on plants.

Combination complete (for burning and spraying) \$21.75; (for burning only) \$19.50. Burning Attachment only (for use on your own sprayer) \$12.50.

EROSIONET. A fiber mesh used for keeping down grass sown on new or renovated terraces. Does not have to be removed—it rots in the ground. In rolls 45 in. wide, 250 yds. to the roll, 10 1/2 cts. per yd. Less than roll lots, 14 1/2 cts. per yd.

Erosionet Pins for fastening Erosionet in the soil, 75 cts. per 1000.

SAWCO GARDEN CART

A very light, sturdy cart for the lady or junior gardener. All steel throughout. Wheel is 12 inches in diameter; hard rubber tire. Overall length, 5 feet; 17 1/2 inches wide at handles. Cart equipped with strong one-bushel oak splint basket. Price, \$6.50.

DIBBLES or DIBBERS

	Each
Brass Point and Wood Handle.....	\$1 25
Steel Point and Wood Handle, regular size, 9 3/4 in.....	85

Celery-bleaching Tubes

The Handler is placed around the celery plant, the tube is slipped in place and the Handler removed.

Doz.	100	500
12 in. high.....	\$0 40	\$2 75
13 in. high.....	45	3 00
14 in. high.....	50	3 50

Handlers for use in placing tubes: Brass, \$3.00; Tin, \$1.00.

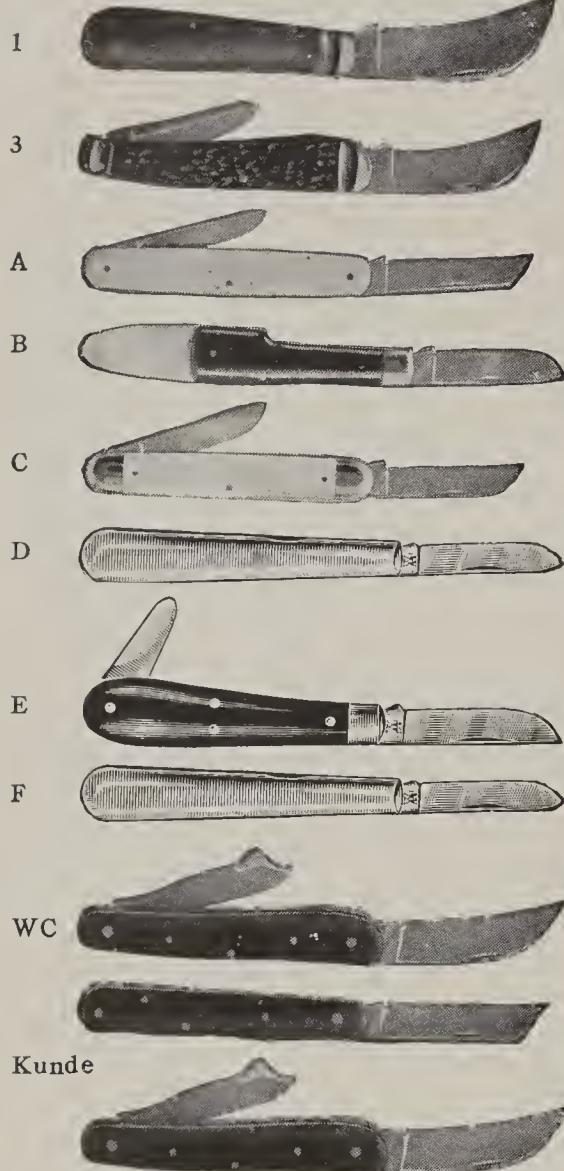


Miscellaneous Garden Supplies

Items on this page delivered free within 50 miles of New York City. Beyond this point customer pays transportation

KNIVES

Budding and Pruning



No. 1. Strong Pruning Blade; Cocoa Handle.....	\$1.50
No. 3. Pruning and Budding Blades; Patent Stag Handle.....	2.25
No. A. Two Blades; White Handle ..	2.25
No. B. Budding Blade with Ivory Budder; Smooth Black Handle.....	2.00
No. C. Two strong Budding Blades; White Handle.....	1.75
No. D. Aluminum Handle Budding Knife. Imported. One Blade.....	2.50
No. E. Folding Ivory Budder with Smooth Black Handle. Imported. One Blade.....	3.00
No. F. Genuine All-Ivory Handle Budding Knife. Imported. One Blade..	6.00
Warren-Church Budder and Pruner. Two Blades; Black Handle; Brass lined. Highest quality.....	2.00
Kunde One-blade Budder. Imported. Wooden Handle.....	2.00
Kunde Budder and Pruner. Imported. Two Blades; Polished Wooden Handle.....	3.00

Grape Bags

Opaque. \$1.50 per 100; \$7.50 per 1000.

Glassine. \$3.00 per 100; \$24.00 per 1000.



Fruit Picking Bag

Made from heavy-grade duck. Adjustable shoulder-straps. Steel band keeps bag open. Bag empties from the bottom by simply releasing rope from hook. \$2.50.



Perfect Fruit-Picker

Made of steel wire, heavily galvanized. Prevents bruising of fruit. Can be attached to any pole. 60 cts.

Sudbury Soil-Testing Outfit



Professional Kit

Tests for nitrogen, phosphorus, potash, and acidity. It will give the gardener complete information about the requirements of his soil.

Home Gardener's Kit. (Four complete tests).....	\$2.00
Club Kit. (Makes 10 tests)	4.75
Horticultural Kit. (Makes 60 tests) ..	9.75
Professional Kit. (Makes 200 tests) ..	18.50

Hotbed Mats



No. 1. 40 x 76 in. Burlap both sides. \$2.00 each; \$22.50 per doz.
No. 2. 76 x 76 in. Burlap both sides. \$3.00 each; \$32.50 per doz.
No. 3. 40 x 76 in. Burlap one side, waterproof duck on the other. \$3.00 each; \$32.50 per doz.
No. 4. 76 x 76 in. Burlap one side, waterproof duck on the other. \$4.75 each; \$50.00 per doz.

Reed Mats (Not Illustrated)

Ideal for covering sash; also for encircling around boxwood and other tender plants. Size 78 x 78 in. \$3.00 each; \$30.00 per doz.

PAPER, Wax. 18 x 24 in. Ream..... \$1.75
24 x 36 in. Ream..... 3.25

Tissue. 24 x 36 in. Ream..... 2.50

Manila. 24 x 36 in. Ream..... 2.50

Wrapping. In rolls: 24 in., \$4.50; 30 in., \$6.50; 36 in., \$7.50; 30 or 36 in., Waxed one side, \$12.00.

Kumfort Knee Pads



A serviceable, comfort-giving, knee-cushion with adjustable straps. Fits any knee; will not slip down when walking. Prevents moisture from penetrating the clothes and provides added life to overalls and work clothes. \$1.50 per pair.

Labels, Etc.

Labels, Wooden, Painted

	100	1000
4 in.	\$0.45	\$2.50
5 in.	55	2.75
6 in.	65	3.00
8 in. x $\frac{7}{8}$ in. wide	1.00	6.00
10 in. x $\frac{7}{8}$ in. wide	1.50	7.25
12 in. x $1\frac{1}{8}$ in. wide	1.60	10.50

Labels, Copper-wired. 3 $\frac{1}{2}$ in. Painted

50 3.75

Label Pencils. For writing on wooden labels. 15 cts. each; \$1.65 per doz.

X-L-AII Pencil. (Imported.) 35 cts. each; \$3.50 per doz.

Glazing Materials

Cel-O-Glass. Durable, flexible, and light in weight. Will not creak or break like glass. Transmits ultra-violet rays. Rolls 25 and 50 feet long and 3 feet wide. 13 $\frac{1}{2}$ cts. per sq. ft. Less than rolls, 14 $\frac{1}{2}$ cts. per sq. ft.

Glass, Double Thick. 50 sq. ft. to box.

10 x 12-in., 60 lights, \$6.75 per box.

10 x 14-in., 40 lights, \$7.25 per box.

Liquid Putty, Old English. Can be applied with bulb or gun. Weatherproof. Does not craek. One gallon will glaze 400 square feet. Gal. \$2.75; 5 gals. \$12.50.

Permanite. A glazing compound composed of asbestos fiber and long-life, non-drying oils. Gal. \$2.50; 5 gals. \$12.00; 15 gals. \$33.75; 35 gals. \$73.50; 60 gals. \$120.00.

Mastica. For cementing craeks or seams in roof-joints and frames of greenhouses, sash, etc. Gal. \$3.00; 5 gals. \$14.00.

Sawco Glazing Gun. Trigger type. For applying glazing compounds. \$5.50.

Putty Bulb, Scollay's. For applying liquid putty. \$1.50.

Glazing Points, Van Reyper's. For single- and double-thick glass. 75 cts. per 1000, \$3.25 for 5000. Pliers 75 cts.

Zinc City Glazing Points. In $\frac{5}{8}$, $\frac{3}{4}$, and $\frac{7}{8}$ in. 1-lb. box 60 cts.

Glass Cutter. 25 cts.

Putty Knife. 35 cts.

Summer Cloud. A green shading. Mix with water and apply with syringe or sprayer. 8-oz. tin \$1.00.

Green Shading. Protects plants from heat of sun. Brush or sprinkle on. Lasts about six months. Gal. \$3.00; 5 gals. \$13.75.

Greenhouse Aluminum Paint. Moisture-resistant, gives greater light-reflection. Gal. \$4.00; 5 gals. \$18.75.

Greenhouse White Paint. Full-bodied, long-life White Paint that withstands cold, heat, and humidity. Gal. \$3.75; 5 gals. \$17.00.

SPECIAL ORDER SHEET FOR COLORED ILLUSTRATIONS

High Quality Bulbs, Seeds, Plants for Autumn Planting

We, Stumpp & Walter Co., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.

STUMPP & WALTER CO.

132-138 Church St., New York

Date 1939

AMOUNT ENCLOSED

\$ _____

Fall seeding on your lawn will produce best results. Grasses will root deeper and you will have less trouble from weeds.

Name _____

P. O. Box, Street
or Rural Delivery

Post Office _____ State _____

Station or Express Office _____ Only if different from Post Office

Send by _____ State if wanted by Mail, Express, or Freight

Superintendent or Gardener _____ That we may enter for Catalogues

QUANTITY	ARTICLES WANTED	PRICE
	S. & W. CO.'S DUTCH BULBOUS IRIS. (Cover Design) 10 bulbs, 50 cts. Giant White Light Blue Dark Blue Yellow 100 bulbs, \$4.00	
	Special Collection Offer: 100 bulbs, 25 bulbs each of 4 colors \$4.00	
	SPECIAL COLLECTION, 6 DAFFODILS. Bath's Flame Olympia (See page 5) King Alfred Queen of North Glory of Sassenheim Sir Watkin	
	30 bulbs, 5 each of 6 varieties Value \$3.25 \$3.00	
	60 bulbs, 10 each of 6 varieties \$6.50 \$5.50	
	NARCISSUS, CHEERFULNESS. 15 cts. ea.; \$1.25 for 10; \$11 per 100. (See page 8)	
	NARCISSUS, TWINK. 20 cts. ea.; \$1.90 for 10; \$18.00 per 100. (See page 8)	
	THREE EXQUISITE DAFFODILS (See page 9) Each 10 100 CROESUS, DIANA KASNER, HELIOS \$0.15 \$1.20 \$9.00	
	Special Collection, 30 bulbs, 10 each of 3 varieties Value \$3.60 \$3.25	
	Special Collection, 60 bulbs, 20 each of 3 varieties \$7.20 \$6.00	
	TULIPS FOR COLOR CONTRAST. Afterglow, La Tristesse, Princess (See page 12) Elizabeth, Snowstorm, F. Sanders	
	Special Collection Offer: 100 bulbs, 20 each of 5 varieties \$5.55 \$4.75	
	SPECIAL COLLECTION, 4 BREEDER TULIPS. (See page 13) Fairy Bacchus Louis XIV Dom Pedro	
	100 bulbs, 25 each of 4 varieties Value \$5.90 \$5.00	
	BOTANICAL TULIP, CLUSIANA. 65 cts. for 10; \$5.50 per 100. (See page 16)	
	BOTANICAL TULIP, KAUFMANNIANA. 90 cts. for 10; \$8.00 per 100. (See page 16)	

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ABOVE

QUANTITY	ARTICLES WANTED	PRICE
	BORDER COLLECTION, MAY-FLOWERING TULIPS (See page 17) BREEDER, COTTAGE, AND DARWIN VARIETIES Pride of Haarlem, Clara Butt, Jaune d'Œuf, William Pitt, Mrs. Moon, Farncombe Sanders, La Tulipe Noire, Rosabella, Bleu Aimable, Bronze Queen	
	100 bulbs, 10 each of 10 named varieties Value \$6.15 \$5.50	
	250 bulbs, 25 each of 10 named varieties \$13.00 \$11.00	
	FOUR HARDY LILIES. (Page 20) Lilium speciosum album. L. speciosum magnificum. L. umbellatum grandiflorum erectum. L. philippinense formosanum. 20 bulbs, 5 of each Value \$4.60 \$4.00 40 bulbs, 10 of each \$9.20 \$7.50	
	THREE FINE HARDY LILIES. (See page 21) Madonna Lily (Lilium candidum).	
	First-size bulbs, 20 cts. each; \$1.80 for 10; \$15.00 per 100.	
	Mammoth-size bulbs, 30c. each; \$2.80 for 10; \$25.00 per 100.	
	Jumbo-size bulbs, 40 cts. each; \$3.80 for 10; \$35.00 per 100.	
	Sunset Lily (Lilium pardalinum giganteum). Selected bulbs, 35 cts. each; \$3.00 for 10; \$25.00 per 100.	
	Royal Lily (Lilium regale). 6 to 7-in. circum., 15 cts. each; \$1.40 for 10; \$12.00 per 100.	
	7 to 8-in. circum., 25 cts. each; \$2.25 for 10; \$18.00 per 100.	
	8 to 9-in. circum., 30 cts. each; \$2.80 for 10; \$25.00 per 100.	
	9 to 10-in. circum., 40 cts. each; \$3.80 for 10; \$35.00 per 100.	
	SPECIAL COLLECTION, FIVE FINE EXHIBITION TULIPS. (See page 24) Dido Yellow Giant The Bishop City of Haarlem King George V	
	50 bulbs, 10 each of 5 varieties Value \$3.85 \$3.50	
	100 bulbs, 20 each of 5 varieties \$7.70 \$6.50	
	SPECIAL DARWIN TULIP BORDER COLLECTION. (See page 25) Benjamin Franklin Tilly Lus Duke of Wellington La France Venus	
	50 bulbs, 10 each of 5 varieties Value \$3.85 \$3.50	
	100 bulbs, 20 each of 5 varieties \$7.70 \$6.50	
	EREMURUS, SHELFORD HYBRIDS. (See page 32) Selected flowering roots, 75 cts. each; \$6.50 for 10; \$60.00 per 100.	
	MERTENSIA VIRGINICA. (See page 32) Selected roots, \$1.40 for 10; \$12.00 per 100.	
	YELLOW CALLA LILY. (See page 32) First-size bulbs, 35 cts. each; \$3.00 for 10; \$25.00 per 100.	
	Mammoth bulbs, 55 cts. each; \$5.00 for 10; \$45.00 per 100.	
	AMARYLLIS, S. & W. CO.'S GIANT STRAIN. (See page 32) Separate Shades of White, Salmon, Rose, Red, \$1 each; \$9 for 10.	
	Mixed Colors. Combination of the above colors, 75 cts. each; \$6.50 for 10.	
	DAFFODILS FOR NATURALIZING. (See page 33) Mixture of standard named varieties, \$6.00 per 100; \$50.00 per 1000.	
	Special Mixture Including New and Rare Varieties, \$7.50 per 100; \$65.00 per 1000.	

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ON FRONT PAGE

ORDER SHEET

High Quality Bulbs, Seeds, Plants for Autumn Planting

We, Stumpp & Walter Co., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.

STUMPP & WALTER CO.

132-138 Church St., New York

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or Rural Delivery* _____

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Only if different from Post Office

Send by _____

State if wanted by Mail, Express, or Freight

Superintendent or Gardener

That we may enter for Catalogues

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New York, N. Y.

STUMPP & WALTER CO.,

132-138 Church Street,
(Corner of Warren Street)

NEW YORK, N. Y.



Miscellaneous Garden Supplies

Flower Pots



Flower Azalea Bulb

POTS, Standard Flower. Earthenware. Best on the market.

Diam.	Each	Doz.	100	1000
2 in.	\$0 30	\$1 75	\$15 00	
2½ in.	35	2 00	17 50	
3 in.	45	2 75	22 50	
4 in.	\$0 10	75	4 00	32 50
5 in.	15	1 10	7 00	57 50
6 in.	20	1 60	10 00	85 00
7 in.	30	2 60	16 00	135 00
8 in.	40	3 20	20 00	190 00

On orders of 50 pots or more we make shipment direct from factory to customer.

Azalea

Diam.	Each	Doz.	100
6 in.	\$0 20	\$2 00	\$12 00
7 in.	25	2 50	17 50
8 in.	35	3 50	25 00
9 in.	55	5 50	40 00
10 in.	75	7 50	50 00

PANS, Bulb. Earthenware.

Diam. at top	Each	Doz.	100
6 in.	\$0 20	\$2 00	\$12 00
7 in.	25	2 50	17 50
8 in.	30	3 00	22 00
9 in.	55	5 50	40 00
10 in.	75	7 50	50 00
12 in.	1 25	12 50	90 00

Square Seed. Earthenware.

Size	Each	Doz.
6 x 6 in.	\$0 90	\$9 75
8 x 8 in.	1 25	13 75
10 x 10 in.	1 50	16 50
12 x 12 in.	1 75	19 25

SAUCERS, Earthenware

Diam.	Each	Doz.	100
4 in.	\$0 05	\$0 50	\$3 50
5 in.	05	55	4 00
6 in.	10	90	6 50
7 in.	10	1 10	8 50
8 in.	15	1 60	12 00
9 in.	20	2 00	16 00

Fibreware, Waterproof. Order saucer 2 inches larger than the bottom diameter of pot.

Diam. inside	Each	Doz.
4½ in.	\$0 60	\$6 50
5½ in.	70	7 50
7¼ in.	80	8 75
8½ in.	1 00	11 00
10¼ in.	1 10	12 00
12½ in.	1 50	16 50
14½ in.	2 00	22 00
16 in.	2 35	25 50

Green Rubber Saucers

Ridge in center permits free flow of water from bottom of pot. Absorbent pad in center holds excess water and releases to plant when needed.

	Each	Doz.
1. Takes pots up to 6 in.	\$0 25	\$2 50
2. Takes pots up to 8 in.	45	4 50
3. Takes pots up to 12 in.	90	9 00
4. Takes tubs up to 10¼-in. bottom diameter	1 35	13 50

Watermat

They are for standing flower pots on.

A compressed organic fibre that takes up water by capillary action. Complete with rustproof saucer. Small (fits 4- and 5-in. pots), 35 cts. Medium (fits 5- and 6-in. pots), 40 cts. Large (fits 7- and 8-in. pots), 50 cts. Extra Large (fits 10- and 12-in. pots), \$1.25.



WATERING POTS. Heavy galvanized iron, reinforced. Each pot has a long spout, with one fine and one coarse rose.

Round Pattern

Each	Each
6 qt.	\$7 00
8 qt.	7 50

French Oval Pattern

Each	Each
6 qt.	7 50
8 qt.	8 00

Haw's Pattern

Each	Each
2 qt.	6 00
3 qt.	6 50
4 qt.	7 00

RAKES, Wood Hay and Lawn. Made especially for us with an extra-heavy head to give double service.

Each	Doz.
14-tooth, Hay	\$1 35
24-tooth, Lawn	1 75

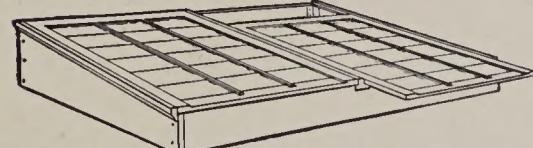


Japanese Bamboo. Fitted with polished wooden handle. Cleans the turf as gently as the human hand.

Each	Doz.
Small size	\$0 60
Medium size	90
Large size	1 50

Lawncomb. Flexible, springy steel teeth. 18 in., \$1.35; 24 in., \$1.75.

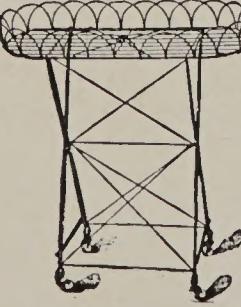
Hotbed Sash and Frames—Glass



Single Light Sash. Standard size, 3 x 6 ft. Made of cypress. \$6.50 each; \$70 per doz.

Standard Hotbed Frames. Made of high-quality, selected cypress, free from knots. Back depth of Frame 16 in.; front depth 8 in. Sashes Frame Frame and Dimensions feet held only Sash

No. 1.	3 x 6	1	\$11 00	\$17 00
No. 2.	6 x 6	2	13 00	25 00
No. 3.	9 x 6	3	16 00	34 00
No. 4.	12 x 6	4	18 00	42 00
No. 5.	15 x 6	5	21 00	50 00
No. 6.	18 x 6	6	25 00	60 00



Plant-Stands

Made of strong steel supports on rollers. Ideal for houseplants

Single Tray. 10 x 24 in. \$3.00.

Two-Step. 7½ x 30 in. \$5.50.

Three-Step. 7½ x 30 in. \$6.75.

Items on this page delivered free within 50 miles of New York City. Beyond this point customer pays transportation



Brass Syringes

No. A. Barrel 12 in. long, diam. 1 in. One Spray Rose and one Jet. \$3.50.

No. H. Sheet-brass Syringe, with fixed Spray Rose. Barrel 16 in. long, diam. 1½ in. \$4.00. Weight 4 lbs.

No. 10. Barrel 18 in. long, diam. 1½ in. One coarse and one fine Spray Rose and one Stream Jet, with Patent Valves and Elbow Joint for sprinkling under the foliage. \$9.00. Weight 5 lbs.

SPRAYS, Rubber Plant

Sawco. Straight neck, capacity 8 Each fluid ozs. \$0 60

Crook neck, capacity 8 fluid ozs... 75

Scollay's. Capacity 12 fluid ozs.... 1 50

SPIKE TAMP. A combination perforator and tamper. 9 inches square. Quickly convertible.... 4 50

TAMPER, Iron Sod

8 x 8 in. (14 lbs.) 2 00

10 x 10 in. (18 lbs.) 2 50

Thermometers

No. 5420. Black japanned heavy tin case. For greenhouses. (Spirit.) 8 in., \$1.00.

No. 5154S. Coppered tin case; distance reading. Black oxidized brass scale, white figures. (Spirit.) 8 in., 85 cts.

No. 5452, Self-Registering. (Siex's Pattern.) Lacquered polished brass case, white figures. **Maximum and Minimum.** 10 in., \$7.00. Magnet with each.

No. 5981. Hotbed. Wood frame. 15 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, mercury-filled bulb-chamber giving good contact. \$3.00.

TROWELS, Slim Jim. Excellent for setting bulbs. 5 in., 20c; 7 in. 25c

Warren-Church. 6 in., 35 cts.

Planet Jr. Bulb. Extra-long and narrow. Has three notches, 3, 4, and 5 inches. Made of high-tempered steel. 50 cts.

Stumpwall. The best-made Trowel. The ferrule and shank, as well as the blade, are forged in one piece. 6 in., \$1.25.

Aluminum. 5½ in., 75 cts.

TUBS, Barclay Tree. Made of seasoned, selected Virginia white cedar; bound with electric welded wire hoops (galvanized).

No.	Top diam.	Depth	Each
3	8 in.	8 in.	\$0 75
4	9 in.	9 in.	80
5	10 in.	10 in.	95
6	11 in.	10 in.	1 20
7	12 in.	11 in.	1 40
8	13 in.	12 in.	1 80
9	14 in.	13 in.	2 05
10	15 in.	14 in.	2 25
11	16 in.	15 in.	2 55
12	17 in.	16 in.	2 95

New York Cedar Plant. Made of the choicest seasoned, selected Virginia white cedar.

|
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Bulbs

for

1939

for

FALL
PLANTING

MATCHLESS
BEDDING
HYACINTHS

White
Yellow
Light Pink
Light Blue
Dark Blue
Dark Pink
Bright Scarlet

\$1.00 for 10
\$9.00 per 100

SEE PAGE 22

Stumpf & Walter Co
NEW YORK CITY